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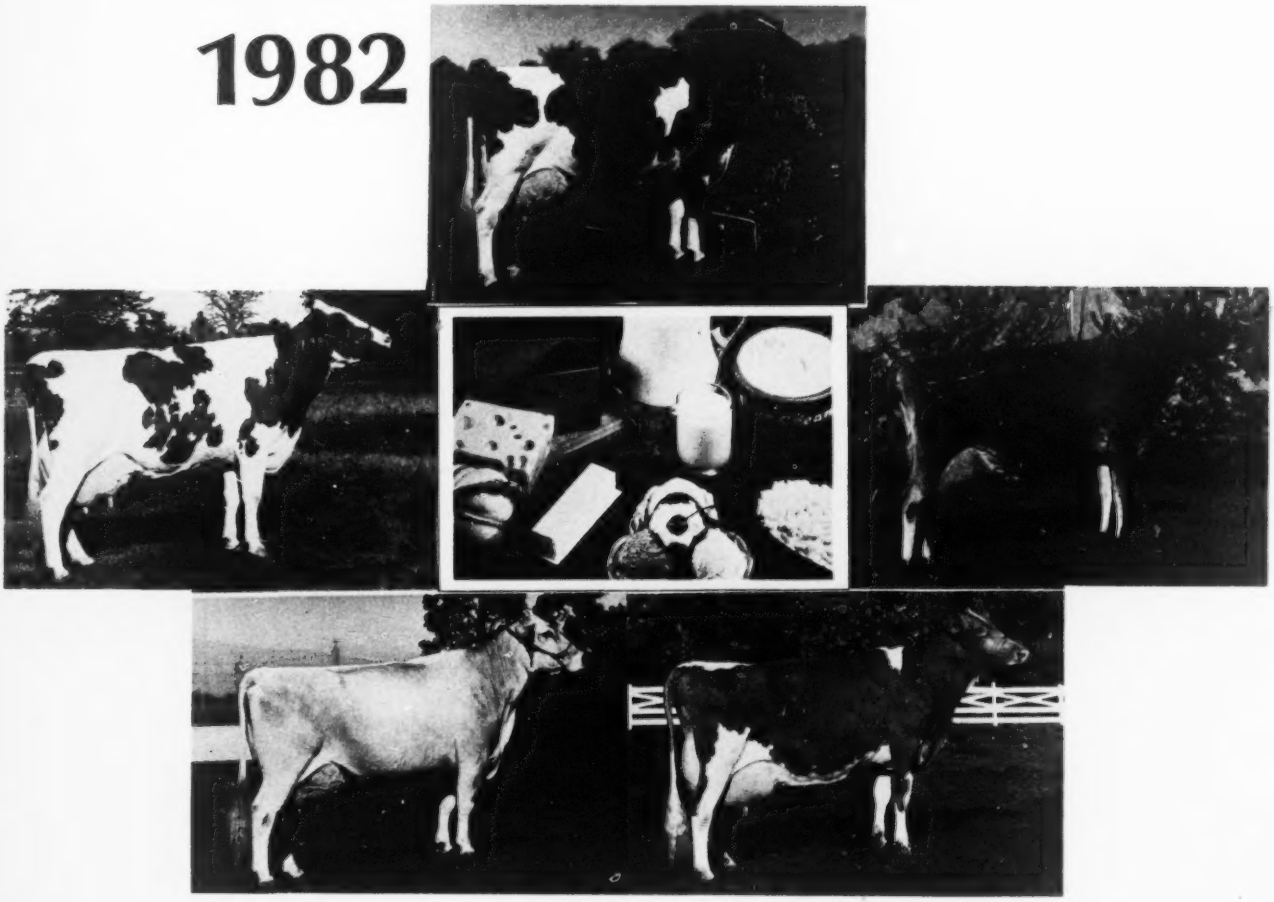
CALIFORNIA DAIRY INDUSTRY STATISTICS

1982



MANUFACTURED DAIRY PRODUCTS,
MILK PRODUCTION,
UTILIZATION AND PRICES

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FOREWORD

This is the thirty-ninth annual report on Dairy Industry statistics issued by the California Crop and Livestock Reporting Service. It contains, for the year 1982, a summary of statistical data which was originally published monthly in the "Dairy Information Bulletin". Comparative figures for earlier years, and selected special reports relating to the Dairy Industry are also presented. All changes from previously published data represent either corrections of errors or revisions based on receipt of more complete information.

Most of the statistical data contained in this bulletin are based on reports filed by individuals and firms engaged in the production, manufacture, and distribution of milk and dairy products in California. Although it is not possible to list all of these reporters individually, their cooperation is acknowledged with appreciation.

Data pertaining to the United States and to states other than California were secured from various reports of the United States Department of Agriculture. Estimates of the population of California were obtained from reports of the California Department of Finance.

The invaluable assistance of the personnel of the Bureau of Milk Stabilization, Division of Marketing Services of the California Department of Food and Agriculture, in the compilation, organization, and presentation of data for this report is gratefully appreciated.

MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM MARKETINGS

On January 1, 1983, there were an estimated 940 thousand milk cows and heifers that had calved on farms in California. This was one thousand less than were estimated for January 1, 1982. The estimated number of cows milked during the year 1982 was 940 thousand. This compares with an average of 923 thousand head milked during the year 1981.

The average production of milk per cow in California during 1982 was 15,446 pounds. This was nine pounds more than 1981. Total milk production during 1982 was 14,518 million pounds, 1.9 percent more than was produced during 1981.

Cash receipts from farm marketings of milk and cream in California during 1982 totaled approximately 1,941 million dollars. The comparable figure for 1981 was 1,943 million dollars. Lower prices paid for the increased production were responsible for the decrease in total cash receipts.

As of January 1, 1983, there was an estimated total of 11,055 thousand milk cows and heifers that had calved on farms throughout the United States. This was 32 thousand head or 0.3 percent more than the number estimated for January 1, 1982. The average number of cows milked during the year 1982 was 11,026 thousand head. This was 103 thousand head more than the average for 1981.

The average production of milk per cow in the United States during 1982 was 12,316 pounds. This was 139 pounds above the 1981 figure and established a new record high in production per cow. Total milk production during 1982 was 135,795 million pounds, 2,782 million pounds more than in 1981.

Cash receipts from marketings of milk and cream in the United States during 1982 totaled approximately 18,274 million dollars. The comparable figure for 1981 was 18,128 million dollars.

TABLE 1. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, CALIFORNIA, 1964-1982

Year	Milk cows & heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1964	867	790	10,810	395	8,540	312	403,115
1965	858	783	10,830	395	8,480	310	403,233
1966	849	774	11,112	403	8,601	312	424,366
1967	841	765	11,375	413	8,702	316	443,121
1968	833	754	11,869	427	8,949	322	470,528
1969	816	746	11,928	431	8,898	321	477,054
1970	750	755	12,526	450	9,457	340	534,049
1971	758	763	12,726	458	9,710	350	560,925
1972	766	778	13,368	479	10,400	372	608,082
1973	789	792	13,045	470	10,332	372	692,976
1974	810	797	13,295	479	10,596	381	894,347
1975	800	800	13,566	492	10,853	394	997,202
1976	810	811	14,282	514	11,583	417	1,089,142
1977	809	827	14,472	517	11,968	427	1,182,467
1978	846	846	14,018	506	11,859	428	1,227,584
1979	860	871	14,424	512	12,563	446	1,453,330
1980	878	896	15,153	547	13,577	490	1,770,324
1981	910	923	15,437	554	14,248	512	1,943,229
1982	941	940	15,446	561	14,518	527	1,941,234
1983	939						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

California accounted for 10.7 percent of the milk produced in the United States during 1982 and received 10.6 percent of the cash receipts from farm marketings of milk and cream. California ranked second among the states in the average number of milk cows on farms during 1982. It ranked first in production of milk per cow; second in total milk production; and second in cash receipts from farm marketings of milk and cream. Wisconsin had more cows, produced more milk, and received more from farm marketings of milk and cream than did California.

Estimates of the number of milk cows and heifers that had calved on farms by county and by crop reporting district in California at the beginning of 1982 and of 1983 are given in Table 4. Of the total of 940 thousand head on farms in the State on January 1, 1983, approximately 56 percent were in the San Joaquin Valley, 30 percent in Southern California, and 7 percent in the Central Coast counties. The five leading counties were San Bernardino, Tulare, Stanislaus, Riverside, and Merced.. Together these counties accounted for about 61.0 percent of all the milk cows in the state.

TABLE 2. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, UNITED STATES, 1964-1982

Year	Milk cows & heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1964	17,647	15,677	8,099	300	126,967	4,699	5,026,833
1965	16,981	14,953	8,305	307	124,180	4,592	5,037,727
1966	15,973	14,071	8,522	314	119,912	4,426	5,533,398
1967	15,129	13,415	8,851	327	118,732	4,377	5,742,231
1968	14,456	12,832	9,135	335	117,225	4,305	5,957,282
1969	13,821	12,307	9,434	346	116,108	4,264	6,195,672
1970	13,303	12,000	9,747	357	116,962	4,283	6,525,163
1971	11,909	11,842	10,009	366	118,532	4,344	6,810,804
1972	11,778	11,698	10,250	377	119,904	4,408	7,134,676
1973	11,624	11,409	10,114	370	115,385	4,221	8,080,080
1974	11,286	11,219	10,300	378	115,553	4,238	9,430,140
1975	11,211	11,140	10,352	381	115,326	4,240	9,909,334
1976	11,087	11,055	10,879	399	120,269	4,406	11,428,455
1977	11,031	10,974	11,181	409	122,698	4,483	11,751,730
1978	10,939	10,841	11,218	412	121,609	4,462	12,689,783
1979	10,839	10,743	11,488	421	123,411	4,518	14,650,237
1980	10,769	10,810	11,889	434	128,525	4,696	16,583,532
1981	10,871	10,923	12,177	443	133,013	4,843	18,127,556
1982	11,023	11,026	12,316	450	135,795	4,961	18,274,143
1983	11,055						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

TABLE 3. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, BY STATES, 1982

State	Milk cows on farms 1/	Average Production per milk cow		Total Production on farm		Cash receipts from farm marketings of dairy products 2/
		Milk	Milk Fat	Milk	Milk Fat	
	(thousands)	(pounds)		(million pounds)		(thousand dollars)
Alabama	59	9,831	354	580	21	83,512
Alaska	1	12,545	450	14	1	2,791
Arizona	81	14,963	546	1,212	44	167,777
Arkansas	85	9,659	343	821	29	114,480
California	940	15,446	561	14,518	527	1,941,234
Colorado	75	12,960	463	972	35	138,705
Connecticut	49	13,122	475	643	23	92,796
Delaware	10	13,235	476	135	5	18,487
Florida	190	11,100	387	2,109	74	343,416
Georgia	131	10,779	389	1,412	51	200,880
Hawaii	12	11,520	402	144	5	21,908
Idaho	174	12,948	471	2,253	82	283,270
Illinois	232	11,453	421	2,657	98	353,160
Indiana	205	11,385	421	2,334	86	312,800
Iowa	385	11,171	412	4,301	159	552,420
Kansas	126	10,762	393	1,356	49	186,682
Kentucky	241	9,809	359	2,364	87	307,800
Louisiana	102	9,412	334	960	34	139,240
Maine	59	12,390	455	731	27	106,063
Maryland	122	12,959	473	1,581	58	219,520
Massachusetts	46	12,935	471	595	22	87,870
Michigan	395	13,299	484	5,253	191	703,906
Minnesota	903	11,452	418	10,341	377	1,333,046
Mississippi	96	9,375	339	900	33	127,262
Missouri	247	11,761	427	2,905	105	380,912
Montana	29	11,759	420	341	12	42,833
Nebraska	123	11,057	406	1,360	50	176,890
Nevada	16	14,063	502	225	8	29,260
New Hampshire	30	12,100	449	363	13	52,250
New Jersey	40	12,300	445	492	18	68,411
New Mexico	57	14,263	508	813	29	124,112
New York	919	12,129	439	11,147	404	1,501,372
North Carolina	131	12,870	465	1,686	61	240,492
North Dakota	94	10,691	388	1,005	36	121,250
Ohio	388	11,727	429	4,550	167	617,537
Oklahoma	111	10,495	379	1,165	42	165,606
Oregon	99	13,141	494	1,301	49	178,532
Pennsylvania	730	12,690	462	9,264	337	1,301,691
Rhode Island	4	12,105	441	46	2	6,592
South Carolina	48	11,833	456	568	22	87,160
South Dakota	163	10,810	395	1,762	64	227,363
Tennessee	216	10,769	393	2,326	85	304,620
Texas	329	11,459	408	3,770	134	548,610
Utah	86	13,512	478	1,162	41	148,720
Vermont	191	12,361	454	2,361	87	327,625
Virginia	172	11,970	433	2,059	75	282,865
Washington	212	15,198	561	3,222	119	436,440
West Virginia	36	9,694	354	349	13	46,230
Wisconsin	1,829	12,701	474	23,230	866	3,000,715
Wyoming	12	11,417	406	137	5	17,030
UNITED STATES 3/	11,026	12,316	450	135,795	4,961	18,274,143

1/ Average number during year, heifers that have not freshened excluded.

2/ All milk and cream.

3/ State totals may not add to U.S. total because of rounding.

TABLE 4. ESTIMATED NUMBER OF MILK COWS AND HEIFERS THAT HAVE CALVED ON FARMS IN CALIFORNIA, JANUARY 1, BY COUNTIES AND DISTRICTS, 1982-1983

County and District	1982	1983
Del Norte	2,000	2,000
Humboldt	14,100	14,300
Mendocino	800	1,000
North Coast	16,900	17,300
Shasta	1,300	1,300
Siskiyou	2,200	2,800
Trinity	---	---
North Central	3,500	4,100
Lassen	250	300
Modoc	100	100
Plumas	---	---
North East	350	400
Alameda	---	---
Contra Costa	2,500	2,700
Lake	50	---
Marin	13,000	14,000
Monterey	4,000	3,500
Napa	2,000	1,600
San Benito	1,100	1,300
San Francisco	---	---
San Luis Obispo	2,300	2,100
San Mateo	50	---
Santa Clara	4,400	4,200
Santa Cruz	600	600
Sonoma	36,000	36,000
Central Coast	66,000	66,000
Butte	1,700	1,400
Colusa	500	600
Glenn	13,700	13,300
Sacramento	21,600	20,000
Solano	1,100	1,300
Sutter	1,500	1,300
Tehama	3,100	3,100
Yolo	400	400
Yuba	1,700	1,600
Sacramento Valley	45,300	43,000
Fresno	54,700	54,000
Kern	20,000	19,000
Kings	56,000	58,000
Madera	17,000	16,000
Merced	90,000	91,000
San Joaquin	61,000	59,000
Stanislaus	107,000	104,000
Tulare	115,000	121,000
San Joaquin Valley	520,700	522,000
Alpine	---	---
Amador	50	50
Calaveras	50	50
El Dorado	100	50
Inyo	50	50
Mariposa	400	350
Mono	50	---
Nevada	---	50
Placer	450	550
Sierra	---	---
Tuolumne	100	50
Sierra Mountain	1,250	1,200
Imperial	400	500
Los Angeles	4,300	4,300
Orange	300	300
Riverside	90,000	92,000
San Bernardino	166,000	165,000
San Diego	17,000	17,000
Santa Barbara	5,000	4,400
Ventura	3,000	2,500
Southern California	286,000	286,000
STATE	940,000	940,000

COMMERCIAL PRODUCTION

Approximately 14,467 million pounds of milk were produced commercially in California during 1982. Of this amount, 13,901 million pounds were received as market grade milk and 566 million pounds were received as manufacturing grade milk. Between 1981 and 1982, the total commercial production increased 2.0 percent. Production of market grade milk increased 1.7 percent while the production of manufacturing grade milk was up 9.0 percent. Market grade milk accounted for 96.1 percent of all commercial production in 1982 compared to 96.3 percent in 1981 and 89.0 percent ten years earlier (1972).

The average milk fat content of all milk received at plants from producers in California during 1982, was 3.63 percent. That received as market milk contained an average of 3.63 percent milk fat while that received as manufacturing grade milk contained an average of 3.70 percent milk fat.

The commercial production of all milk fat in California during 1982 amounted to approximately 525 million pounds, 3.0 percent more than was produced during 1981. Market milk fat amounted to 96.0 percent of production in 1982 compared to 96.2 percent in 1981. Between 1981 and 1982, the production of market milk fat rose 2.8 percent, while that of manufacturing milk fat increased 9.4 percent.

The San Joaquin Valley accounted for 55.8 percent of all milk produced commercially in the State during 1982. It accounted for 55.3 percent of the market milk and 67.0 percent of the manufacturing milk. Approximately 31.2 percent of all milk and 32.3 percent of the market milk was produced in Southern California. The five leading counties in market milk production in the order of their importance during 1982 were: San Bernardino, Tulare, Riverside, Stanislaus, and Merced. These five counties accounted for 62.3 percent of the State's total production of market milk. The five leading counties in manufacturing milk production were: Stanislaus, Merced, Humboldt, Glenn, and San Joaquin. These counties accounted for 82.3 percent of the State's total of manufacturing milk production. The five leading counties in total milk production were: San Bernardino, Tulare, Stanislaus, Merced, and Riverside. They accounted for 62.2 percent of the State's total production during 1982.

TABLE 5. AVERAGE MILK-FAT TEST AND COMMERCIAL PRODUCTION OF MILK FAT AND WHOLE MILK IN CALIFORNIA, BY YEARS, 1965-1982

	Milk Fat			Average Milk-Fat Test			Whole Milk		
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(percent)			(thousand pounds)		
1965	268,332	36,537	304,869	3.64	3.76	3.66	7,367,524	971,570	8,339,094
1966	274,577	32,697	307,274	3.62	3.78	3.63	7,591,503	865,655	8,457,158
1967	277,547	33,115	310,662	3.61	3.78	3.63	7,685,955	876,187	8,562,142
1968	287,023	30,715	317,738	3.59	3.77	3.60	8,002,052	815,387	8,817,439
1969	287,435	30,081	317,516	3.61	3.76	3.62	7,970,766	799,438	8,770,204
1970	303,336	32,395	335,731	3.58	3.74	3.59	8,481,432	865,027	9,346,459
1971	309,103	36,549	345,652	3.59	3.73	3.60	8,614,289	979,836	9,594,125
1972	327,371	41,940	369,311	3.57	3.69	3.59	9,163,369	1,136,171	10,299,540
1973	335,933	32,646	368,579	3.59	3.71	3.60	9,354,250	879,237	10,233,487
1974	351,133	26,748	377,881	3.59	3.69	3.60	9,776,188	724,765	10,500,953
1975	364,795	25,960	390,755	3.63	3.73	3.63	10,060,384	695,507	10,755,891
1976	390,950	22,562	413,512	3.59	3.75	3.60	10,886,279	602,087	11,488,366
1977	405,943	18,958	424,901	3.57	3.71	3.57	11,377,410	510,659	11,888,069
1978	408,311	16,816	425,127	3.60	3.76	3.61	11,329,087	447,648	11,776,735
1979	426,183	16,881	443,064	3.54	3.67	3.55	12,029,199	459,453	12,488,652
1980	468,324	19,050	487,374	3.60	3.68	3.60	12,998,001	517,997	13,515,998
1981	490,629	19,147	509,776	3.59	3.68	3.59	13,666,750	519,852	14,186,602
1982	504,415	20,954	525,369	3.63	3.70	3.63	13,901,010	566,472	14,467,482
1979									
January	34,650	1,166	35,816	3.78	3.87	3.78	917,734	30,107	947,841
February	31,487	1,096	32,583	3.74	3.78	3.74	841,886	28,999	870,885
March	35,191	1,354	36,545	3.64	3.70	3.64	967,952	36,649	1,004,601
April	34,469	1,487	35,956	3.52	3.61	3.53	977,799	41,163	1,018,962
May	35,670	1,540	37,210	3.40	3.56	3.41	1,047,950	43,232	1,091,182
June	34,580	1,545	36,125	3.35	3.51	3.36	1,031,942	43,998	1,075,940
July	35,997	1,564	37,561	3.36	3.52	3.36	1,071,589	44,503	1,116,092
August	36,910	1,545	38,455	3.34	3.56	3.40	1,085,844	43,391	1,129,235
September	35,568	1,403	36,971	3.46	3.67	3.47	1,027,722	38,241	1,065,963
October	37,290	1,459	38,749	3.54	3.72	3.54	1,054,322	39,180	1,093,502
November	36,626	1,351	37,977	3.69	3.89	3.70	992,667	34,726	1,027,393
December	37,745	1,371	39,116	3.73	3.89	3.74	1,011,792	35,264	1,047,056
1980									
January	38,243	1,269	39,512	3.77	3.85	3.77	1,014,994	32,966	1,047,960
February	36,327	1,296	37,623	3.78	3.79	3.78	960,850	34,235	995,085
March	38,785	1,640	40,425	3.71	3.72	3.71	1,046,680	44,080	1,090,760
April	38,095	1,688	39,783	3.57	3.61	3.57	1,068,761	46,808	1,115,569
May	39,745	1,751	41,496	3.49	3.55	3.49	1,139,069	49,289	1,188,358
June	38,705	1,725	40,430	3.46	3.54	3.47	1,117,692	48,690	1,166,382
July	39,770	1,793	41,563	3.46	3.54	3.46	1,150,354	50,667	1,201,021
August	39,893	1,740	41,633	3.46	3.57	3.47	1,152,392	48,749	1,201,141
September	39,389	1,626	41,015	3.55	3.68	3.55	1,109,830	44,114	1,153,944
October	40,256	1,641	41,897	3.62	3.75	3.62	1,113,181	43,738	1,156,919
November	38,918	1,471	40,389	3.70	3.82	3.70	1,052,867	38,479	1,091,346
December	40,198	1,410	41,608	3.75	3.90	3.76	1,071,331	36,182	1,107,513
1981									
January	40,742	1,289	42,031	3.73	3.82	3.73	1,092,700	33,747	1,126,447
February	37,170	1,265	38,435	3.70	3.75	3.70	1,003,935	33,701	1,037,636
March	41,807	1,618	43,425	3.67	3.73	3.67	1,139,926	43,358	1,183,284
April	40,509	1,702	42,211	3.57	3.67	3.58	1,133,361	46,336	1,179,697
May	41,158	1,766	42,924	3.47	3.56	3.47	1,187,496	49,600	1,237,096
June	39,331	1,694	41,025	3.43	3.50	3.43	1,148,086	48,359	1,196,445
July	41,233	1,729	42,962	3.42	3.51	3.42	1,206,767	49,196	1,255,963
August	41,527	1,728	43,255	3.48	3.58	3.48	1,192,975	48,235	1,241,210
September	40,474	1,584	42,058	3.53	3.66	3.54	1,146,299	43,242	1,189,541
October	42,756	1,602	44,358	3.65	3.79	3.65	1,171,405	42,254	1,213,659
November	41,121	1,624	42,745	3.71	3.85	3.71	1,108,614	42,186	1,150,800
December	42,801	1,546	44,347	3.77	3.90	3.77	1,135,186	39,638	1,174,824
1982									
January	43,339	1,471	44,810	3.84	3.90	3.84	1,129,277	37,705	1,166,982
February	39,323	1,404	40,727	3.76	3.80	3.76	1,045,930	36,987	1,082,917
March	43,916	1,642	45,558	3.71	3.74	3.71	1,184,112	43,884	1,227,996
April	42,067	1,746	43,813	3.68	3.73	3.68	1,142,316	46,853	1,189,169
May	41,383	1,853	43,236	3.51	3.57	3.51	1,180,426	51,898	1,232,324
June	40,986	1,778	42,764	3.47	3.55	3.47	1,182,088	50,110	1,232,198
July	42,306	1,974	44,280	3.47	3.52	3.47	1,220,688	56,099	1,276,787
August	42,312	1,965	44,277	3.48	3.56	3.48	1,216,282	55,166	1,271,448
September	41,167	1,838	43,005	3.54	3.64	3.54	1,164,261	50,460	1,214,721
October	42,789	1,822	44,611	3.62	3.74	3.63	1,180,355	48,693	1,229,048
November	41,682	1,712	43,394	3.73	3.87	3.73	1,118,279	44,219	1,162,498
December	43,146	1,749	44,895	3.80	3.94	3.80	1,136,998	44,397	1,181,395

TABLE 6. COMMERCIAL PRODUCTION OF MILK AND MILK FAT AND AVERAGE MILK FAT TEST IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982

County and District	Milk			Milk Fat			Average Milk Fat Test 1/		
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(thousand pounds)			(percent)		
Del Norte	11,120	9,182	20,302	431	400	831	3.87	4.36	4.09
Humboldt	144,789	61,193	205,982	5,644	2,656	8,300	3.90	4.34	4.03
Mendocino	10,087	31	10,118	430	1	431	4.26	3.83	4.26
North Coast	165,996	70,406	236,403	6,505	3,058	9,563	3.92	4.34	4.04
Shasta	16,153	26	16,179	596	1	597	3.69	3.39	3.69
Siskiyou	32,919	---	32,919	1,250	---	1,250	3.80	---	3.80
Trinity	---	---	---	---	---	---	---	---	---
North Central	49,072	26	49,098	1,846	1	1,847	3.76	3.39	3.76
Lassen	2,211	---	2,211	83	---	83	3.76	---	3.76
Modoc	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---
North East	2,211	---	2,211	83	---	83	3.76	---	3.76
Alameda	---	1,177	1,177	---	41	41	---	3.52	3.52
Contra Costa	45,115	32	45,147	1,626	1	1,627	3.60	3.51	3.60
Lake	---	---	---	---	---	---	---	---	---
Marin	209,549	3,180	212,729	7,581	112	7,693	3.62	3.53	3.62
Monterey	64,506	---	64,506	2,351	---	2,351	3.64	---	3.64
Napa	22,102	---	22,102	808	---	808	3.66	---	3.66
San Benito	18,427	82	18,509	672	3	675	3.65	3.68	3.65
San Francisco	---	---	---	---	---	---	---	---	---
San Luis Obispo	34,978	---	34,978	1,260	---	1,260	3.60	---	3.60
San Mateo	---	---	---	---	---	---	---	---	---
Santa Clara	69,031	12	69,043	2,431	---	2,431	3.52	3.74	3.52
Santa Cruz	6,426	2,086	8,512	240	74	314	3.74	3.55	3.69
Sonoma	463,554	7,783	471,337	16,990	290	17,280	3.66	3.72	3.67
Central Coast	933,689	14,353	948,042	33,960	522	34,482	3.64	3.64	3.64
Butte	22,062	3,498	25,560	809	127	936	3.67	3.62	3.66
Colusa	6,479	179	6,658	234	7	241	3.61	3.89	3.61
Glenn	157,178	44,749	201,927	5,912	1,650	7,562	3.67	3.69	3.74
Sacramento	274,701	17,896	292,597	10,228	658	10,886	3.72	3.68	3.72
Solano	19,690	45	19,735	719	2	721	3.65	3.65	3.65
Sutter	14,708	1,856	16,564	528	70	598	3.59	3.80	3.61
Tehama	36,676	6,167	42,843	1,370	233	1,603	3.74	3.78	3.74
Yolo	7,121	34	7,155	255	1	256	3.58	3.59	3.58
Yuba	19,831	10,138	29,969	799	401	1,200	4.03	3.95	4.00
Sacramento Valley	558,446	84,563	643,009	20,854	3,149	24,003	3.73	3.72	3.73
Fresno	798,524	4,320	802,844	29,127	156	29,283	3.65	3.61	3.65
Kern	269,548	30	269,578	9,795	1	9,796	3.63	3.57	3.63
Kings	820,594	2,070	822,664	29,798	77	29,875	3.63	3.72	3.63
Madera	237,911	4,690	242,601	8,700	168	8,868	3.66	3.59	3.66
Merced	1,358,338	121,879	1,480,217	50,226	4,363	54,589	3.70	3.58	3.69
San Joaquin	922,726	37,312	960,038	33,850	1,341	35,191	3.67	3.60	3.67
Stanislaus	1,366,293	200,931	1,567,224	50,344	7,192	57,535	3.68	3.58	3.67
Tulare	1,915,199	8,520	1,923,719	69,804	310	70,115	3.65	3.64	3.64
San Joaquin Valley	7,689,133	379,752	8,068,885	281,644	13,608	295,252	3.66	3.58	3.66
Alpine	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---
El Dorado	934	---	934	35	---	35	3.73	---	3.73
Inyo	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---
Placer	11,875	95	11,970	422	4	426	3.56	3.96	3.56
Sierra	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---
Sierra Mountain	12,809	95	12,904	457	4	461	3.57	3.96	3.57
Imperial	7,163	---	7,163	270	---	270	3.77	---	3.77
Los Angeles	41,396	1,099	42,495	1,494	38	1,532	3.61	3.48	3.61
Orange	---	---	---	---	---	---	---	---	---
Riverside	1,390,527	8,900	1,399,427	49,253	318	49,571	3.54	3.57	3.54
San Bernardino	2,632,156	2,205	2,634,361	93,201	78	93,279	3.54	3.56	3.54
San Diego	298,902	547	299,449	10,608	19	10,627	3.55	3.51	3.55
Santa Barbara	71,933	240	72,173	2,609	8	2,617	3.63	3.55	3.63
Ventura	47,575	4,286	51,861	1,631	150	1,781	3.43	3.50	3.43
So. California	4,489,653	17,276	4,506,929	159,067	612	159,679	3.54	3.54	3.54
STATE	13,901,010	566,472	14,467,482	504,415	20,954	525,369	3.63	3.70	3.63

1/ Computed from data before rounding to thousands of pounds.

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,878,852	1,764,763	1,320,598	1,489,980	1,875,898	1,889,768	1,955,273	1,905,981	1,743,535	1,666,165	1,459,909	1,351,878
Humboldt	9,560,752	9,317,253	15,826,094	18,835,615	23,085,904	22,412,120	22,214,624	20,510,389	18,088,035	17,119,026	15,566,690	13,445,987
Mendocino	780,538	746,745	939,318	889,426	924,513	913,876	947,261	882,374	805,772	769,620	731,831	786,791
North Coast	12,220,142	11,828,761	18,086,010	21,215,021	25,886,315	25,215,764	25,117,158	23,298,744	20,637,342	19,554,811	17,758,430	15,584,656
Shasta	1,315,812	1,233,945	1,412,212	1,403,040	1,379,706	1,253,343	1,347,187	1,394,496	1,317,970	1,343,499	1,357,265	1,421,036
Siskiyou	2,625,819	2,576,443	2,698,463	2,679,834	2,987,688	2,829,502	2,846,061	2,859,547	2,720,812	2,735,755	2,618,392	2,740,773
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	3,941,631	3,810,388	4,110,675	4,082,874	4,367,394	4,082,845	4,193,248	4,254,043	4,038,782	4,079,254	3,975,657	4,161,809
Lassen	200,662	171,681	194,994	161,369	185,926	195,300	177,986	201,760	178,657	185,058	185,540	172,255
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	200,662	171,681	194,994	161,369	185,926	195,300	177,986	201,760	178,657	185,058	185,540	172,255
Alameda	---	---	---	---	---	---	274,712	274,921	---	295,240	---	331,798
Contra Costa	3,626,938	3,300,240	3,587,176	3,535,011	3,798,476	3,698,599	4,040,888	4,051,784	3,866,206	3,966,543	3,772,531	3,902,557
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	16,762,587	15,582,772	17,742,393	17,102,957	18,077,726	17,454,514	18,351,752	19,342,563	18,341,959	18,590,164	17,196,259	18,183,989
Monterey	4,973,265	4,551,974	5,164,056	5,154,143	5,732,905	5,684,654	5,955,304	6,002,563	5,608,322	5,433,086	5,141,446	5,103,954
Napa	1,982,496	1,842,447	2,049,947	1,941,693	2,073,336	1,999,845	2,105,049	2,126,510	1,551,163	1,535,134	1,453,992	1,440,761
San Benito	1,481,006	1,383,648	1,622,004	1,516,223	1,644,628	1,640,371	1,680,125	1,604,321	1,487,292	1,504,134	1,456,868	1,488,668
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,790,626	2,605,553	2,889,093	2,798,994	3,098,349	3,008,609	3,051,668	3,060,326	2,944,487	3,025,825	2,897,809	2,807,082
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,514,442	5,207,345	6,071,967	5,804,769	6,331,607	5,967,901	6,360,024	5,914,092	5,642,786	5,603,702	5,338,578	5,285,700
Santa Cruz	713,044	662,227	792,487	739,617	799,999	668,202	641,172	661,181	664,506	701,840	724,101	743,469
Sonoma	38,407,555	35,335,037	40,321,435	39,100,753	41,180,760	40,043,910	41,517,791	40,469,460	38,515,081	39,811,997	37,873,503	38,760,425
Central Coast	76,251,959	70,471,243	80,240,558	77,694,160	82,737,786	80,166,605	83,978,485	83,507,721	78,621,802	80,467,665	75,855,087	78,048,403
Butte	2,128,142	1,964,126	2,290,044	2,158,820	2,152,198	2,161,123	2,264,659	2,232,672	2,117,770	2,066,753	1,949,501	2,074,453
Colusa	528,197	485,179	449,565	533,649	566,613	587,800	635,855	644,135	588,777	586,999	535,433	515,794
Glenn	16,127,836	14,912,111	16,805,010	17,095,635	19,012,295	18,480,540	19,013,010	18,520,462	16,669,961	16,004,700	14,568,480	14,717,463
Sacramento	22,638,194	21,117,608	24,367,398	23,268,312	25,724,312	25,824,386	27,319,958	26,896,282	25,019,824	24,514,524	22,671,483	23,235,308
Solano	1,284,422	1,286,336	1,547,279	1,599,280	1,768,123	1,770,736	1,873,731	1,895,091	1,757,239	1,709,299	1,593,495	1,649,489
Sutter	1,253,471	1,183,710	1,367,637	1,357,765	1,534,369	1,494,458	1,519,460	1,486,307	1,377,422	1,382,462	1,298,301	1,308,577
Tehama	2,972,985	2,940,140	3,513,914	3,653,871	3,657,739	3,539,687	3,646,541	3,710,420	3,929,889	3,958,947	3,651,285	3,667,111
Yolo	651,244	589,233	633,131	589,669	602,306	563,871	548,925	588,407	533,427	550,620	614,423	690,180
Yuba	1,611,711	1,481,953	1,710,226	1,670,914	1,831,998	3,024,644	3,294,042	3,453,946	3,362,630	3,075,374	2,762,326	2,690,073
Sacramento Valley	49,196,202	45,960,396	52,684,204	51,927,915	56,849,953	57,447,245	60,116,181	59,427,722	55,356,939	53,849,678	49,644,727	50,548,448

CONTINUED

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	64,852,782	60,215,326	67,776,212	65,425,302	68,657,484	67,803,687	69,969,059	70,562,444	68,640,907	69,178,667	64,790,782	64,971,101
Kern	23,637,211	21,078,449	23,543,210	22,240,070	23,525,220	22,471,219	22,071,130	22,162,215	22,010,338	22,591,376	20,995,091	23,252,152
Kings	65,810,761	60,172,728	68,868,488	65,999,017	70,745,712	68,905,750	71,417,105	74,099,876	69,708,988	70,946,080	67,418,796	68,570,688
Madera	20,013,364	18,725,714	20,785,514	19,425,341	20,872,119	20,575,383	21,512,949	21,485,174	20,568,410	20,504,749	18,939,038	19,193,010
Merced	115,080,788	107,590,528	122,131,040	118,267,016	126,851,141	137,437,650	132,201,849	131,488,767	125,273,042	124,747,347	119,321,796	119,826,081
San Joaquin	76,471,726	70,974,364	80,436,671	76,835,095	83,419,799	81,990,833	86,443,316	85,443,128	82,725,284	81,351,141	75,854,484	78,092,104
Stanislaus	127,635,573	117,006,074	131,361,421	127,025,835	136,982,031	133,617,880	140,434,570	139,959,594	132,184,249	132,189,967	123,461,829	125,364,616
Tulare	154,935,835	144,550,901	163,325,422	156,921,527	167,241,204	162,940,581	167,515,362	167,640,660	161,978,173	164,645,491	154,436,810	157,587,452
San Joaquin Valley	648,438,040	600,314,084	678,227,978	652,139,203	698,294,710	695,742,983	711,565,340	712,841,858	683,089,391	686,154,818	645,218,626	656,857,204
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	78,789	67,807	74,662	79,647	78,466	83,569	87,510	92,737	81,408	77,247	63,968	67,966
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	943,895	869,862	1,007,074	1,028,673	1,073,265	1,004,425	1,014,897	1,066,260	1,027,153	990,097	929,221	1,015,568
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,022,684	937,669	1,081,736	1,108,320	1,151,731	1,087,994	1,102,407	1,158,997	1,108,561	1,067,344	993,189	1,083,534
Imperial	611,047	637,065	791,076	801,717	753,767	688,185	626,869	468,388	416,265	431,900	399,855	536,743
Los Angeles	3,382,141	3,417,498	3,362,570	3,220,691	1,974,415	4,748,263	6,181,923	3,478,021	3,147,929	3,252,976	3,107,775	3,221,053
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	117,669,873	109,199,769	123,752,152	119,315,737	110,414,288	99,120,621	114,144,156	123,975,109	116,818,935	121,601,797	120,670,650	122,743,774
San Bernardino	219,996,593	204,913,114	230,725,603	224,152,713	215,925,802	222,176,342	228,562,985	224,649,854	215,685,937	221,163,615	211,292,786	215,116,064
San Diego	23,550,000	21,506,919	23,871,551	22,955,331	22,846,948	31,074,581	30,477,715	23,805,480	25,407,077	26,907,125	23,348,869	23,698,090
Santa Barbara	6,036,851	5,601,275	6,215,565	5,974,566	6,343,953	6,256,867	6,529,221	6,186,440	5,814,608	5,864,703	5,811,217	5,537,393
Ventura	4,464,378	4,146,648	4,651,244	4,419,543	4,590,827	4,194,549	4,013,131	4,193,483	4,399,233	4,467,245	4,235,193	4,085,125
Southern California	375,710,883	349,422,288	393,369,762	380,840,298	362,850,000	368,259,408	390,536,000	386,756,775	371,689,984	383,689,361	368,866,345	374,938,242
STATE TOTALS	1,166,982,203	1,082,916,510	1,227,995,917	1,189,169,160	1,232,323,815	1,232,198,144	1,276,786,805	1,271,447,620	1,214,721,458	1,229,047,989	1,162,497,601	1,181,394,551

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	855,195	789,215	871,623	847,679	1,018,610	1,001,178	1,009,079	1,008,419	954,415	957,950	906,435	900,728
Humboldt	7,854,389	7,498,855	11,215,171	12,535,977	15,151,324	14,838,611	14,889,166	13,995,058	12,600,250	12,296,910	11,295,009	10,618,330
Mendocino	780,538	746,745	939,318	889,426	901,591	913,876	947,261	882,374	797,648	769,620	731,831	786,791
North Coast	9,490,122	9,034,815	13,026,112	14,273,082	17,071,525	16,753,665	16,845,506	15,885,851	14,352,313	14,024,480	12,933,275	12,305,849
Shasta	1,315,812	1,233,945	1,412,212	1,403,040	1,366,415	1,253,343	1,334,198	1,394,496	1,317,970	1,343,499	1,357,265	1,421,036
Siskiyou	2,625,819	2,576,443	2,698,463	2,679,834	2,987,688	2,829,502	2,846,061	2,859,547	2,720,812	2,735,755	2,618,392	2,740,773
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	3,941,631	3,810,388	4,110,675	4,082,874	4,354,103	4,082,845	4,180,259	4,254,043	4,038,782	4,079,254	3,975,657	4,161,809
Lassen	200,662	171,681	194,994	161,369	185,926	195,300	177,986	201,760	178,657	185,058	185,540	172,255
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	200,662	171,681	194,994	161,369	185,926	195,300	177,986	201,760	178,657	185,058	185,540	172,255
Alameda	---	---	---	---	---	---	---	---	---	---	---	---
Contra Costa	3,626,938	3,300,240	3,587,176	3,535,011	3,798,476	3,698,599	4,040,888	4,051,784	3,866,206	3,966,543	3,740,426	3,902,557
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	16,557,812	15,391,837	17,519,167	16,737,027	17,774,013	17,237,986	18,121,053	18,981,875	18,117,798	18,122,890	17,015,069	17,972,530
Monterey	4,973,265	4,551,974	5,164,056	5,154,143	5,732,905	5,684,654	5,955,304	6,002,563	5,608,322	5,433,086	5,141,446	5,103,954
Napa	1,982,496	1,842,447	2,049,947	1,941,693	2,073,336	1,999,845	2,105,049	2,126,510	1,551,163	1,535,134	1,453,992	1,440,761
San Benito	1,481,006	1,383,648	1,613,677	1,508,144	1,639,389	1,631,468	1,654,329	1,604,321	1,487,292	1,504,134	1,456,868	1,463,194
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,790,626	2,605,553	2,889,093	2,798,994	3,098,349	3,008,609	3,051,668	3,060,326	2,944,487	3,025,825	2,897,809	2,807,082
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,514,442	5,207,345	6,071,967	5,804,769	6,331,607	5,967,901	6,360,024	5,914,092	5,630,511	5,603,702	5,338,578	5,285,700
Santa Cruz	509,917	461,136	540,669	481,011	505,207	473,526	505,134	538,514	548,019	588,835	633,597	640,274
Sonoma	37,761,602	34,783,008	39,742,759	38,491,123	40,233,297	39,294,792	40,929,204	39,802,794	37,889,887	39,153,164	37,134,971	38,337,693
Central Coast	75,198,104	69,527,188	79,178,511	76,451,915	81,186,579	78,997,380	82,722,653	82,082,779	77,643,685	78,933,313	74,812,756	76,953,745
Butte	1,858,653	1,709,063	1,960,514	1,864,644	1,825,323	1,848,772	1,946,569	1,907,087	1,816,975	1,803,855	1,694,110	1,826,739
Colusa	510,809	468,722	428,574	520,931	552,482	574,297	622,303	630,770	575,773	575,634	518,755	499,913
Glenn	12,919,328	12,095,344	13,224,638	13,454,315	14,653,454	14,123,562	14,289,703	14,291,421	12,521,947	12,414,468	11,502,248	11,687,758
Sacramento	21,054,297	19,773,636	23,007,888	21,994,412	24,240,145	24,412,024	25,546,602	25,200,343	23,413,181	22,996,094	21,282,125	21,780,422
Solano	1,280,288	1,270,549	1,547,279	1,599,280	1,763,447	1,770,736	1,873,731	1,895,091	1,744,017	1,702,142	1,593,495	1,649,489
Sutter	1,119,540	1,056,949	1,199,263	1,176,054	1,324,746	1,324,421	1,348,811	1,306,069	1,213,676	1,239,347	1,191,989	1,207,346
Tehama	2,526,786	2,475,855	2,946,138	2,979,365	3,188,359	3,063,919	3,205,326	3,176,579	3,420,606	3,405,957	3,118,540	3,168,237
Yolo	651,244	589,233	633,131	589,669	586,563	547,945	548,925	588,407	533,427	547,898	614,423	690,180
Yuba	1,527,678	1,397,068	1,596,211	1,580,490	1,740,168	1,784,791	1,893,656	1,782,129	1,732,524	1,729,733	1,509,870	1,557,178
Sacramento Valley	43,448,623	40,836,419	46,543,636	45,759,160	49,874,687	49,450,467	51,275,626	50,777,896	46,972,126	46,415,128	43,025,555	44,067,262

CONTINUED

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	64,652,537	60,027,590	66,830,123	65,149,080	68,222,420	67,570,654	69,643,604	70,278,681	68,366,780	68,836,227	64,487,097	64,459,063
Kern	23,637,211	21,078,449	23,528,223	22,240,070	23,510,625	22,471,219	22,071,130	22,162,215	22,010,338	22,591,376	20,995,091	23,252,152
Kings	65,439,173	60,105,532	68,614,968	65,719,542	70,692,684	68,823,821	71,312,712	73,684,906	69,661,174	70,914,506	67,261,890	68,363,038
Madera	19,836,769	18,582,674	20,568,553	19,265,226	20,657,230	20,125,043	20,944,364	21,011,835	20,139,311	19,948,642	18,412,128	18,419,074
Merced	106,544,462	99,543,716	112,932,819	108,439,125	116,281,557	126,627,486	120,235,177	119,740,176	114,485,530	114,115,119	109,361,553	110,031,690
San Joaquin	73,980,368	69,030,591	78,157,464	74,439,607	80,801,043	79,670,904	82,333,156	81,219,805	78,254,534	77,633,023	72,521,639	74,683,736
Stanislaus	112,365,565	102,414,530	115,633,562	110,538,287	119,185,757	117,502,323	121,726,874	121,481,891	115,204,580	114,757,844	107,408,192	108,073,315
Tulare	154,452,639	143,420,169	162,420,022	155,734,677	166,124,641	161,959,045	167,110,709	167,248,514	161,565,422	164,113,280	154,168,444	156,881,289
San Joaquin Valley	620,908,724	574,203,251	648,685,734	621,525,614	665,475,957	664,750,495	675,377,726	676,828,023	649,687,669	652,910,017	614,616,034	624,163,357
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	78,789	67,807	74,662	79,647	78,466	83,569	87,510	92,737	81,408	77,247	63,968	67,966
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	943,895	814,843	999,280	1,028,673	1,073,265	1,004,425	1,014,897	1,066,260	1,027,153	990,097	920,989	991,208
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,022,684	882,650	1,073,942	1,108,320	1,151,731	1,087,994	1,102,407	1,158,997	1,108,561	1,067,344	984,957	1,059,174
Imperial	611,047	637,065	791,076	801,717	753,767	688,185	626,869	468,388	416,265	431,900	399,855	536,743
Los Angeles	3,382,141	3,216,498	3,113,250	3,123,131	1,974,415	4,702,206	5,866,923	3,288,193	3,147,929	3,252,976	3,107,775	3,221,053
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	117,517,208	108,184,853	122,845,852	118,357,546	109,398,891	98,170,438	113,254,827	123,041,066	116,184,248	121,156,493	120,065,846	122,349,700
San Bernardino	219,930,533	204,652,179	230,329,090	223,920,597	215,712,078	222,158,450	228,449,023	224,390,386	215,428,015	221,082,731	211,135,832	214,967,485
San Diego	23,484,158	21,439,752	23,824,401	22,890,651	22,846,948	30,921,594	30,477,715	23,792,121	25,372,024	26,880,598	23,348,869	23,623,730
Santa Barbara	6,036,851	5,548,014	6,215,566	5,841,156	6,343,953	6,256,867	6,529,221	6,186,440	5,814,608	5,864,703	5,782,978	5,512,310
Ventura	4,104,607	3,784,934	4,178,901	4,018,800	4,094,941	3,871,721	3,801,160	3,925,683	3,916,033	4,070,988	3,903,707	3,903,439
Southern California	375,066,545	347,463,295	391,298,136	378,953,598	361,124,993	366,769,461	389,005,738	385,092,277	370,279,122	382,740,389	367,744,862	374,114,460
STATE TOTALS	1,129,277,095	1,045,929,687	1,184,111,740	1,142,315,932	1,180,425,501	1,182,087,607	1,220,687,901	1,216,281,626	1,164,260,915	1,180,354,983	1,118,278,636	1,136,997,911

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,023,657	975,548	448,975	642,301	857,288	888,590	946,194	897,562	789,120	708,215	553,474	451,150
Humboldt	1,706,363	1,818,398	4,610,923	6,299,638	7,934,580	7,573,509	7,325,458	6,515,331	5,487,785	4,822,116	4,271,681	2,827,657
Mendocino	---	---	---	---	22,922	---	---	---	8,124	---	---	---
North Coast	2,730,020	2,793,946	5,059,898	6,941,939	8,814,790	8,462,099	8,271,652	7,412,893	6,285,029	5,530,331	4,825,155	3,278,807
Shasta	---	---	---	---	13,291	---	12,989	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	13,291	---	12,989	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	274,712	274,921	---	295,240	---	331,798
Contra Costa	---	---	---	---	---	---	---	---	---	---	32,105	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	204,775	190,935	223,226	365,930	303,713	216,528	230,699	360,688	224,161	467,274	181,190	211,459
Monterey	---	---	---	---	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	---	---	8,327	8,079	5,239	8,903	25,796	---	---	---	---	25,474
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---	12,275	---	---	---
Santa Cruz	203,127	201,091	251,818	258,606	294,792	194,676	136,038	122,667	116,487	113,005	90,504	103,195
Sonoma	645,953	552,029	578,676	609,630	947,463	749,118	588,587	666,666	625,194	658,833	738,532	422,732
Central Coast	1,053,855	944,055	1,062,047	1,242,245	1,551,207	1,169,225	1,255,832	1,424,942	978,117	1,534,352	1,042,331	1,094,658
Butte	269,489	255,063	329,530	294,176	326,875	312,351	318,090	325,585	300,795	262,898	255,391	247,714
Colusa	17,388	16,457	20,991	12,718	14,131	13,503	13,552	13,365	13,004	11,365	16.678	15,881
Glenn	3,208,508	2,816,767	3,580,372	3,641,320	4,358,841	4,356,978	4,723,307	4,229,041	4,148,014	3,590,232	3,066,232	3,029,705
Sacramento	1,583,897	1,343,972	1,359,510	1,273,900	1,484,167	1,412,362	1,773,356	1,695,939	1,606,643	1,518,430	1,389,358	1,454,886
Solano	4,134	15,787	---	---	4,676	---	---	---	13,222	7,157	---	---
Sutter	133,931	126,761	168,374	181,711	209,623	170,037	170,649	180,238	163,746	143,115	106,312	101,231
Tehama	446,199	464,285	567,776	674,506	469,380	475,768	441,215	533,841	509,283	552,990	532,745	498,874
Yolo	---	---	---	---	15,743	15,926	---	---	---	2,722	---	---
Yuba	84,033	84,885	114,015	90,424	91,830	1,239,853	1,400,386	1,671,817	1,630,106	1,345,641	1,252,456	1,132,895
Sacramento Valley	5,747,579	5,123,977	6,140,568	6,168,755	6,975,266	7,996,778	8,840,555	8,649,826	8,384,813	7,434,550	6,619,172	6,481,186

CONTINUED

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	200,245	187,736	946,089	276,222	435,064	233,033	325,455	283,763	274,127	342,440	303,685	512,038
Kern	---	---	14,987	---	14,595	---	---	---	---	---	---	---
Kings	371,588	67,196	253,520	279,475	53,028	81,929	104,393	414,970	47,814	31,574	156,906	207,650
Madera	176,595	143,040	216,961	160,115	214,889	450,340	568,585	473,339	429,099	556,107	526,910	773,936
Merced	8,536,326	8,046,812	9,198,221	9,827,891	10,569,584	10,810,164	11,966,672	11,748,591	10,787,512	10,632,228	9,960,243	9,794,391
San Joaquin	2,491,358	1,943,773	2,279,207	2,395,488	2,618,756	2,319,929	4,110,160	4,223,323	4,470,750	3,718,118	3,332,845	3,408,368
Stanislaus	15,270,008	14,591,544	15,727,859	16,487,548	17,796,274	16,115,557	18,707,696	18,477,703	16,979,669	17,432,123	16,053,637	17,291,301
Tulare	483,196	1,130,732	905,400	1,186,850	1,116,563	981,536	404,653	392,146	412,751	532,211	268,366	706,163
San Joaquin Valley	27,929,316	26,110,833	29,542,244	30,613,589	32,818,753	30,992,488	36,187,614	36,013,835	33,401,722	33,244,801	30,602,592	32,693,847
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	---	55,019	7,794	---	---	---	---	---	---	---	8,232	24,360
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	---	55,019	7,794	---	---	---	---	---	---	---	8,232	24,360
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	201,000	249,320	97,560	---	46,057	315,000	189,828	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	152,665	1,014,916	906,300	958,191	1,015,397	950,183	889,329	934,043	634,687	445,304	604,804	394,074
San Bernardino	66,060	260,935	396,513	232,116	213,724	17,892	113,962	259,468	257,922	80,884	156,954	148,579
San Diego	65,842	67,167	47,150	64,680	---	152,987	---	13,359	35,053	26,527	---	74,360
Santa Barbara	---	53,261	---	133,410	---	---	---	---	---	---	28,239	25,083
Ventura	359,771	361,714	472,343	400,743	495,886	322,828	211,971	267,800	483,200	396,257	331,486	181,686
Southern California	644,338	1,958,993	2,071,626	1,886,700	1,725,007	1,489,947	1,530,262	1,664,498	1,410,862	948,972	1,121,483	823,782
STATE TOTALS	37,705,108	36,986,823	43,884,177	46,853,228	51,898,314	50,110,537	56,098,904	55,165,994	50,460,543	48,693,006	44,218,965	44,396,640

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	75,292	70,456	53,047	61,215	73,646	76,314	79,401	78,249	72,537	70,813	62,902	57,425
Humboldt	409,089	385,179	637,667	748,433	889,118	872,901	865,761	816,961	739,528	714,324	653,581	567,596
Mendocino	34,310	31,583	38,846	37,355	37,210	37,811	39,323	38,167	35,149	33,745	32,976	34,760
North Coast	518,691	487,218	729,560	847,003	999,974	987,026	984,485	933,377	847,214	818,882	749,459	659,781
Shasta	50,660	46,591	52,963	52,654	48,877	44,302	47,150	49,293	47,394	50,542	51,691	54,452
Siskiyou	102,519	100,462	106,315	103,178	109,077	103,032	102,659	102,945	100,402	105,127	104,013	110,308
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	153,179	147,053	159,278	155,832	157,954	147,334	149,809	152,238	147,796	155,669	155,704	164,760
Lassen	7,941	6,662	7,471	6,158	6,756	7,049	6,437	7,343	6,768	7,117	6,964	6,481
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	7,941	6,662	7,471	6,158	6,756	7,049	6,437	7,343	6,768	7,117	6,964	6,481
Alameda	---	---	---	---	---	---	9,401	9,585	---	10,408	---	12,061
Contra Costa	139,103	123,649	132,247	129,988	131,928	128,046	140,188	141,377	136,348	140,097	138,617	145,403
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	629,319	571,344	637,412	607,250	624,137	605,375	640,292	692,113	668,655	684,913	647,148	685,571
Monterey	195,604	173,203	195,129	190,399	198,733	198,107	206,615	210,231	197,925	195,707	192,710	196,491
Napa	77,747	69,957	75,671	71,775	72,396	69,171	73,786	74,337	54,647	55,660	55,746	56,902
San Benito	58,655	53,468	60,326	55,193	57,650	58,050	58,330	56,064	32,977	53,985	53,958	56,576
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	107,448	97,949	106,902	104,395	108,416	103,927	105,826	105,987	102,540	107,160	104,445	105,540
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	210,977	195,216	218,138	206,275	212,468	203,653	210,641	200,682	192,333	194,381	189,585	196,714
Santa Cruz	27,451	25,280	30,305	26,999	28,112	23,806	22,733	23,874	24,319	26,138	27,238	28,194
Sonoma	1,461,651	1,318,490	1,474,439	1,420,179	1,446,342	1,414,565	1,468,989	1,463,439	1,417,493	1,482,751	1,437,951	1,473,583
Central Coast	2,907,955	2,628,556	2,930,569	2,812,453	2,880,182	2,804,700	2,936,801	2,977,689	2,847,237	2,951,200	2,847,398	2,957,035
Butte	82,977	74,589	85,099	80,699	75,115	73,895	77,565	76,384	75,446	75,940	75,406	82,536
Colusa	20,567	18,800	17,043	19,678	19,696	19,918	21,381	22,153	19,964	21,544	20,161	19,682
Glenn	649,764	581,355	644,480	649,910	676,986	648,261	672,790	659,671	613,393	606,438	573,735	584,772
Sacramento	903,376	822,374	930,117	880,618	916,966	908,183	953,322	944,360	898,334	914,639	889,427	924,463
Solano	50,146	49,087	57,789	58,444	62,711	62,604	64,957	64,749	62,004	63,099	60,936	63,789
Sutter	49,011	44,810	49,793	49,277	51,869	50,341	51,516	51,078	48,563	50,312	50,151	51,685
Tehama	120,764	116,720	135,090	138,246	130,545	122,981	128,592	131,683	142,387	149,423	141,338	145,797
Yolo	23,034	20,217	22,662	21,296	21,187	19,726	19,523	20,520	19,210	20,535	22,772	25,817
Yuba	68,522	62,337	69,950	67,380	69,311	116,311	123,176	131,640	133,029	126,114	117,469	114,825
Sacramento Valley	1,968,161	1,790,289	2,012,023	1,965,548	2,024,386	2,022,220	2,112,822	2,102,238	2,012,330	2,028,044	1,951,395	2,013,366

CONTINUED

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,521,062	2,289,778	2,536,715	2,421,905	2,411,817	2,336,019	2,423,055	2,449,878	2,440,194	2,514,358	2,436,545	2,501,703
Kern	906,902	795,196	881,760	819,427	824,896	781,120	770,448	769,033	769,575	820,491	781,739	875,294
Kings	2,536,868	2,260,963	2,566,881	2,445,870	2,463,305	2,360,475	2,459,264	2,563,716	2,457,001	2,575,286	2,542,947	2,642,660
Madera	778,488	717,818	786,563	723,190	731,754	709,635	739,395	745,624	731,040	748,956	713,342	742,007
Merced	4,544,220	4,149,845	4,628,790	4,436,670	4,488,743	4,790,331	4,599,715	4,602,990	4,486,093	4,613,228	4,561,471	4,687,021
San Joaquin	2,984,125	2,708,363	3,019,838	2,856,861	2,949,457	2,873,771	2,997,142	2,987,055	2,947,553	2,984,905	2,876,688	3,005,318
Stanislaus	4,976,607	4,472,903	4,927,385	4,727,769	4,837,631	4,660,411	4,879,830	4,905,262	4,739,571	4,879,066	4,683,212	4,845,742
Tulare	5,998,509	5,484,169	6,122,398	5,862,872	5,862,775	5,618,909	5,802,018	5,818,514	5,705,249	5,984,450	5,810,968	6,043,786
San Joaquin Valley	25,246,781	22,879,035	25,470,330	24,294,564	24,570,378	24,130,671	24,670,867	24,842,072	24,276,276	25,120,740	24,406,912	25,343,531
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	3,041	2,554	2,925	3,044	2,880	2,963	3,142	3,277	2,922	2,894	2,472	2,698
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	36,545	32,541	36,246	36,344	35,904	33,930	34,881	36,484	35,834	34,490	34,659	38,235
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	39,586	35,095	39,171	39,388	38,784	36,893	38,023	39,761	38,756	37,384	37,131	40,933
Imperial	24,397	23,997	29,043	29,095	26,824	24,880	22,499	17,453	16,131	17,367	16,494	21,720
Los Angeles	127,431	128,376	123,977	116,756	69,522	167,439	215,701	122,699	112,339	115,675	112,003	120,822
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,362,903	3,988,379	4,515,405	4,279,089	3,835,012	3,401,868	3,909,376	4,227,018	4,025,775	4,261,362	4,309,543	4,454,970
San Bernardino	8,186,917	7,474,070	8,292,007	8,071,292	7,457,856	7,601,903	7,814,735	7,682,327	7,443,576	7,785,351	7,595,204	7,874,369
San Diego	880,355	782,077	858,055	822,466	790,060	1,070,926	1,052,997	814,637	875,123	948,817	848,376	883,435
Santa Barbara	229,163	211,595	230,010	219,794	222,385	220,033	230,666	217,971	208,547	211,267	209,678	206,681
Ventura	155,935	145,293	161,597	152,840	155,819	141,180	134,913	139,661	147,369	152,095	147,532	146,883
Southern California	13,967,101	12,753,787	14,210,094	13,691,332	12,557,478	12,628,229	13,380,887	13,221,766	12,828,860	13,491,934	13,238,830	13,708,880
STATE TOTALS	44,809,395	40,727,695	45,558,496	43,812,278	43,235,892	42,764,122	44,280,131	44,276,484	43,005,237	44,610,970	43,393,793	44,894,767

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	34,368	31,520	33,686	33,484	38,004	37,872	38,035	39,016	36,825	37,248	35,773	35,032
Humboldt	327,603	304,544	442,523	486,813	565,517	557,396	558,101	535,972	493,032	489,806	452,450	430,182
Mendocino	34,310	31,583	38,846	37,355	36,347	37,811	39,323	38,167	34,822	35,745	32,976	34,760
North Coast	396,281	367,647	515,055	557,652	639,868	633,079	635,459	613,155	564,679	560,799	521,199	499,974
Shasta	50,660	46,591	52,963	52,654	48,408	44,302	46,729	49,293	47,394	50,542	51,691	54,452
Siskiyou	102,519	100,462	106,315	103,178	109,077	103,032	102,659	102,945	100,402	105,127	104,013	110,308
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	153,179	147,053	159,278	155,832	157,485	147,334	149,388	152,238	147,796	155,669	155,704	164,760
Lassen	7,941	6,662	7,471	6,158	6,756	7,049	6,437	7,343	6,768	7,117	6,964	6,481
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	7,941	6,662	7,471	6,158	6,756	7,049	6,437	7,343	6,768	7,117	6,964	6,481
Alameda	---	---	---	---	---	---	---	---	---	---	---	---
Contra Costa	139,103	123,649	132,247	129,988	131,928	128,046	140,188	141,377	136,348	140,097	137,490	145,403
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	621,518	564,269	629,511	594,405	613,827	598,166	632,553	679,619	660,920	668,525	640,318	677,663
Monterey	195,604	173,203	195,129	190,399	198,733	198,107	206,615	210,231	197,925	195,707	192,710	196,491
Napa	77,747	69,957	75,671	71,775	72,396	69,171	73,786	74,337	54,647	55,660	55,746	56,902
San Benito	58,655	53,468	60,014	54,905	57,458	57,737	57,397	56,064	52,977	53,985	53,958	55,602
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	107,448	97,949	106,902	104,395	108,416	103,927	105,826	105,987	102,540	107,160	104,445	105,540
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	210,977	195,216	218,138	206,275	212,468	203,653	210,641	200,682	191,874	194,381	189,585	196,714
Santa Cruz	20,035	17,978	21,053	18,003	18,093	17,046	17,976	19,498	20,178	22,110	23,949	24,526
Sonoma	1,436,877	1,297,783	1,453,493	1,398,277	1,410,324	1,386,696	1,448,030	1,439,186	1,394,435	1,457,977	1,409,532	1,457,324
Central Coast	2,867,964	2,593,472	2,892,158	2,768,422	2,823,643	2,762,549	2,893,012	2,926,981	2,811,844	2,895,602	2,807,733	2,916,165
Butte	72,623	65,127	73,206	69,995	63,745	63,222	66,549	64,845	64,555	66,079	65,780	73,152
Colusa	19,865	18,158	16,248	19,173	19,159	19,414	20,868	21,638	19,450	21,078	19,511	19,059
Glenn	522,262	474,951	510,714	514,789	523,806	497,498	508,014	510,249	462,208	471,890	452,322	462,888
Sacramento	839,782	770,865	879,285	833,343	865,270	860,138	893,148	885,590	840,842	858,138	835,071	866,880
Solano	49,997	48,487	57,789	58,444	62,537	62,604	64,957	64,749	61,522	62,864	60,936	63,789
Sutter	43,793	40,041	43,634	42,376	44,288	44,186	45,255	44,365	42,282	44,626	45,653	47,379
Tehama	102,661	97,172	113,748	113,618	113,947	106,744	113,062	112,115	123,633	127,144	120,723	125,940
Yolo	23,034	20,217	22,662	21,296	20,620	19,159	19,523	20,520	19,210	20,433	22,772	25,817
Yuba	65,284	59,063	65,806	64,147	66,179	68,013	71,584	68,026	68,880	71,265	64,737	66,351
Sacramento Valley	1,739,301	1,594,081	1,783,092	1,737,181	1,779,551	1,740,978	1,802,960	1,792,097	1,702,582	1,743,517	1,687,505	1,751,255

CONTINUED

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,513,230	2,282,732	2,501,889	2,411,744	2,396,874	2,328,144	2,412,369	2,440,285	2,430,562	2,502,272	2,424,915	2,482,239
Kern	906,902	795,196	881,199	819,427	824,400	781,120	770,448	769,033	769,575	820,491	781,739	875,294
Kings	2,522,555	2,258,453	2,557,440	2,434,823	2,461,533	2,357,747	2,455,616	2,549,242	2,455,381	2,574,128	2,536,801	2,634,581
Madera	771,658	712,393	778,366	717,241	724,250	694,394	720,312	729,200	716,113	728,810	693,493	713,376
Merced	4,216,206	3,847,864	4,289,164	4,075,890	4,126,913	4,426,571	4,198,317	4,202,738	4,112,422	4,232,676	4,188,989	4,308,704
San Joaquin	2,886,362	2,633,992	2,933,816	2,768,058	2,858,041	2,794,460	2,859,584	2,844,320	2,796,972	2,849,855	2,750,689	2,873,656
Stanislaus	4,393,999	3,926,624	4,353,574	4,130,572	4,223,882	4,115,616	4,248,260	4,276,194	4,142,215	4,257,491	4,089,273	4,185,979
Tulare	5,979,818	5,441,210	6,089,265	5,819,295	5,824,539	5,584,288	5,787,985	5,804,767	5,690,836	5,965,161	5,800,786	6,016,393
San Joaquin Valley	24,190,730	21,898,464	24,384,713	23,177,050	23,440,432	23,082,340	23,452,891	23,615,779	23,114,076	23,930,884	23,266 685	24,089,822
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	3,041	2,554	2,925	3,044	2,880	2,963	3,142	3,277	2,922	2,894	2,472	2,698
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	36,545	30,447	35,972	36,344	35,904	33,930	34,881	36,484	35,834	34,490	34,290	37,192
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	39,586	33,001	38,897	39,388	38,784	36,893	38,023	39,761	38,756	37,384	36,762	39,890
Imperial	24,397	23,997	29,043	29,095	26,824	24,880	22,499	17,453	16,131	17,367	16,494	21,720
Los Angeles	127,431	121,142	114,902	114,098	69,522	165,827	204,676	116,055	112,339	115,675	112,003	120,822
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,356,987	3,951,394	4,482,359	4,244,886	3,798,710	3,367,789	3,878,371	4,194,893	4,004,499	4,245,486	4,288,096	4,439,506
San Bernardino	8,184,430	7,464,548	8,277,699	8,062,783	7,450,529	7,601,322	7,810,878	7,673,409	7,434,783	7,782,543	7,589,457	7,868,688
San Diego	877,941	779,580	856,420	820,194	790,060	1,065,894	1,052,997	814,167	873,949	947,910	848,376	880,652
Santa Barbara	229,163	209,624	230,010	215,204	222,385	220,033	230,666	217,971	208,547	211,267	208,672	205,725
Ventura	143,343	132,633	145,065	138,814	138,463	129,881	127,494	130,288	130,457	138,226	135,930	140,524
Southern California	13,943,692	12,682,918	14,135,498	13,625,074	12,496,493	12,575,626	13,327,581	13,164,236	12,780,705	13,458,474	13,199,028	13,677,637
STATE TOTALS	43,338,674	39,323,298	43,916,162	42,066,757	41,383,012	40,985,848	42,305,751	42,311,590	41,167,206	42,789,446	41,681,580	43,145,984

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	40,924	38,936	19,361	27,731	35,642	38,442	41,366	39,233	35,712	33,565	27,129	22,393
Humboldt	81,486	80,635	195,144	261,620	323,601	315,505	307,660	280,989	246,496	224,518	201,131	137,414
Mendocino	---	---	---	---	863	---	---	---	327	---	---	---
North Coast	122,410	119,571	214,505	289,351	360,106	353,947	349,026	320,222	282,535	258,083	228,260	159,807
Shasta	---	---	---	---	469	---	421	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	469	---	421	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	9,401	9,585	---	10,408	---	12,061
Contra Costa	---	---	---	---	---	---	---	---	---	---	1,127	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	7,801	7,075	7,901	12,845	10,310	7,209	7,739	12,494	7,735	16,388	6,830	7,908
Monterey	---	---	---	---	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	---	---	312	288	192	313	933	---	---	---	---	974
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---	459	---	---	---
Santa Cruz	7,416	7,302	9,252	8,996	10,019	6,760	4,757	4,376	4,141	4,028	3,289	3,668
Sonoma	24,774	20,707	20,946	21,902	36,018	27,869	20,959	24,253	23,058	24,774	28,419	16,259
Central Coast	39,991	35,084	38,411	44,031	56,539	42,151	43,789	50,708	35,393	55,598	39,665	40,870
Butte	10,354	9,462	11,893	10,704	11,370	10,673	11,016	11,539	10,891	9,861	9,626	9,384
Colusa	702	642	795	505	537	504	513	515	514	466	650	623
Glenn	127,502	106,404	133,766	135,121	153,180	150,763	164,776	149,422	151,185	134,548	121,413	121,884
Sacramento	63,594	51,509	50,832	47,275	51,696	48,045	60,174	58,770	57,492	56,501	54,356	57,583
Solano	149	600	---	---	174	---	---	---	482	235	---	---
Sutter	5,218	4,769	6,159	6,901	7,581	6,155	6,261	6,713	6,281	5,686	4,498	4,306
Tehama	18,103	19,548	21,342	24,628	16,598	16,237	15,530	19,568	18,754	22,279	20,615	19,857
Yolo	---	---	---	---	567	567	---	---	---	102	---	---
Yuba	3,238	3,274	4,144	3,233	3,132	48,298	51,592	63,614	64,149	54,849	52,732	48,474
Sacramento Valley	228,860	196,208	228,931	228,367	244,835	281,242	309,862	310,141	309,748	284,527	263,890	262,111

CONTINUED

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1982 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	7,832	7,046	34,826	10,161	14,943	7,875	10,686	9,593	9,632	12,086	11,630	19,464
Kern	---	---	561	---	496	---	---	---	---	---	---	---
Kings	14,313	2,510	9,441	11,047	1,772	2,728	3,648	14,474	1,620	1,158	6,146	8,079
Madera	6,830	5,425	8,197	5,949	7,504	15,241	19,083	16,424	14,927	20,146	19,849	28,631
Merced	328,014	301,981	339,626	360,780	361,830	363,760	401,398	400,252	373,671	380,552	372,482	378,717
San Joaquin	97,763	74,371	86,022	88,803	91,416	79,311	137,558	142,735	150,581	135,050	125,999	131,662
Stanislaus	582,608	546,279	573,811	597,197	613,749	544,795	631,570	629,068	597,356	621,575	593,939	659,763
Tulare	18,691	42,959	33,133	43,577	38,236	34,621	14,033	13,747	14,413	19,289	10,182	27,393
San Joaquin Valley	1,056,051	980,571	1,085,617	1,117,514	1,129,946	1,048,331	1,217,976	1,226,293	1,162,200	1,189,856	1,140,227	1,253,709
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	---	2,094	274	---	---	---	---	---	---	---	369	1,043
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	---	2,094	274	---	---	---	---	---	---	---	369	1,043
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	7,234	9,075	2,658	---	1,612	11,025	6,644	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	5,916	36,985	33,046	34,203	36,302	34,079	31,005	32,125	21,276	15,876	21,447	15,464
San Bernardino	2,487	9,522	14,308	8,509	7,327	581	3,857	8,918	8,793	2,808	5,747	5,681
San Diego	2,414	2,497	1,635	2,272	---	5,032	---	470	1,174	907	---	2,783
Santa Barbara	---	1,971	---	4,590	---	---	---	---	---	---	1,006	956
Ventura	12,592	12,660	16,532	14,026	17,356	11,299	7,419	9,373	16,912	13,869	11,602	6,359
Southern California	23,409	70,869	74,596	66,258	60,985	52,603	53,306	57,530	48,155	33,460	39,802	31,243
STATE TOTALS	1,470,721	1,404,397	1,642,334	1,745,521	1,852,880	1,778,274	1,974,380	1,964,894	1,838,031	1,821,524	1,712,213	1,748,783

The California Crop and Livestock Reporting Service estimates the prices received by producers for many crops, livestock, and livestock products. The livestock products include whole milk sold in wholesale quantities. Table 13 contains the estimated monthly prices received by producers in California for the period 1972 through 1982. Data for earlier years are available in other publications and have been published in previous annual California Dairy Industry Statistics.

The average prices paid monthly to producers in California for market milk and for manufacturing milk from 1972 through 1982, are presented in Tables 14 and 15. Prices paid for market milk in Table 14 reflect the changing proportions of the product paid for in accordance with class use, as well as varying price levels for products with the same usage. Prices paid for manufacturing milk in Table 15 reflect primarily changes in price levels. Each price series is affected to some extent by variation in the average milk fat content of milk purchased from producers. Prices are presented for the average test of the milk actually purchased each month from producers.

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TABLE 13. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR ALL WHOLE MILK, BY MONTHS, 1972-1982

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1972	5.88	5.77	5.62	5.47	5.44	5.43	5.36	5.42	5.52	5.66	5.81	5.91	5.60
1973	5.93	6.21	6.16	5.91	5.86	5.91	5.92	6.28	6.87	7.12	7.84	7.82	6.47
1974	7.87	7.61	7.72	8.59	8.27	7.96	7.97	8.07	8.35	8.55	8.70	8.73	8.20
1975	8.91	8.88	8.74	8.64	8.45	8.33	8.40	8.57	8.90	9.27	9.49	9.78	8.85
1975 1/	9.08	9.06	8.92	8.81	8.63	8.51	8.57	8.75	9.08	9.45	9.66	9.93	9.03
1976	9.60	9.25	9.23	9.13	8.98	9.02	9.18	9.34	9.31	9.28	9.41	9.60	9.27
1977	9.69	9.49	9.45	9.49	9.62	9.65	9.60	9.69	9.86	10.10	10.20	10.30	9.76
1978	10.40	10.20	10.10	10.10	10.00	9.80	9.70	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.76	12.71	12.54	12.54	12.53	12.55	12.49	12.68	12.89	13.42	13.66	13.81	12.88
1981	13.73	13.63	13.58	13.51	13.26	13.17	13.14	13.10	13.24	13.58	13.60	13.71	13.44
1982	13.84	13.66	13.57	13.37	12.93	12.82	12.81	12.76	12.93	13.08	13.36	13.48	13.22

1/ Prices are f.o.b. Ranch for the years 1972 through 1974 and f.o.b. Plant thereafter.

TABLE 14. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MARKET MILK, BY MONTHS, 1972-1982

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1972	5.97	5.86	5.72	5.57	5.55	5.53	5.46	5.52	5.61	5.76	5.91	6.00	5.70
1973	6.02	6.31	6.26	6.01	5.96	6.01	6.00	6.37	6.95	7.18	7.94	7.91	6.56
1974	7.95	7.68	7.80	8.71	8.41	8.08	8.10	8.21	8.48	8.69	8.82	8.85	8.32
1975	9.01	8.99	8.85	8.76	8.58	8.45	8.50	8.68	8.99	9.34	9.56	9.86	8.95
1975 1/	9.18	9.16	9.02	8.93	8.75	8.62	8.67	8.85	9.17	9.51	9.73	10.00	9.12
1976	9.65	9.32	9.30	9.21	9.05	9.08	9.24	9.40	9.36	9.34	9.47	9.68	9.34
1977	9.75	9.55	9.50	9.53	9.66	9.70	9.65	9.74	9.90	10.10	10.20	10.30	9.80
1978	10.40	10.30	10.10	10.10	10.00	9.85	9.75	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.80	12.76	12.59	12.58	12.56	12.59	12.53	12.72	12.93	13.46	13.70	13.84	12.92
1981	13.76	13.66	13.61	13.55	13.30	13.22	13.19	13.14	13.27	13.60	13.63	13.74	13.47
1982	13.87	13.69	13.60	13.41	12.97	12.86	12.85	12.79	12.96	13.11	13.39	13.50	13.25

1/ Prices are f.o.b. Ranch for the years 1972 through 1974 and f.o.b. Plant thereafter.

TABLE 15. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MANUFACTURING MILK, BY MONTHS, 1972-1982

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1972	5.06	4.95	4.79	4.73	4.69	4.69	4.69	4.73	4.81	4.89	5.02	5.14	4.83
1973	5.14	5.20	5.14	5.00	4.94	4.96	5.11	5.33	5.94	6.39	6.57	6.62	5.46
1974	6.59	6.56	6.67	6.98	6.68	6.52	6.51	6.48	6.58	6.72	6.86	6.78	6.65
1975	7.37	7.19	7.11	7.03	6.89	6.88	7.06	7.16	7.73	8.25	8.35	8.43	7.40
1975 1/	7.45	7.49	7.37	7.22	7.08	7.05	7.27	7.35	7.92	8.45	8.53	8.62	7.60
1976	8.48	8.00	7.87	7.94	7.87	8.03	8.20	8.45	8.43	8.23	8.29	8.15	8.16
1977	8.21	8.13	8.13	8.68	8.81	8.79	8.67	8.65	8.82	8.93	9.09	9.14	8.68
1978	9.09	9.03	8.94	9.25	9.15	9.17	9.08	9.26	9.49	9.70	10.00	10.20	9.34
1979	10.00	9.85	9.80	10.10	10.30	10.30	10.30	10.40	10.70	11.10	11.60	11.60	10.50
1980	11.56	11.44	11.34	11.69	11.75	11.61	11.62	11.72	12.01	12.36	12.68	12.77	11.88
1981	12.71	12.64	12.84	12.49	12.21	12.10	12.06	12.22	12.38	12.89	12.87	12.86	12.52
1982	12.92	12.80	12.77	12.46	12.12	12.02	11.99	12.06	12.23	12.41	12.65	12.85	12.44

1/ Prices are f.o.b. Ranch for the years 1972 through 1974 and f.o.b. Plant thereafter.

UTILIZATION OF COMMERCIAL PRODUCTION

During 1982, approximately 30.7 percent of the total milk fat produced commercially in California was used in fluid market milk. Fluid market milk currently includes fluid whole milk, fluid lowfat milk, fluid skim milk, and yogurt. Fluid half-and-half used 1.7 percent of the milk fat; butter, 31.2 percent; cheese (including cottage cheese), 13.6 percent; condensed and evaporated milk products, 3.0 percent; frozen dairy products, 10.8 percent; and all other manufactured products, 9.0 percent. Approximately 32.4 percent of the total milk fat was used in fluid market milk products and the remaining 67.6 percent was used in manufactured products.

Approximately 43.7 percent of the market grade milk produced in 1982 was used in Class I fluid market milk products and 6.5 percent was used in manufactured products where market grade milk was mandatory. The remaining 49.8 percent was used in making all other kinds of manufactured products.

TABLE 16. ESTIMATED UTILIZATION OF CALIFORNIA'S COMMERCIAL MILK-FAT PRODUCTION IN SELECTED DAIRY PRODUCTS, BY YEARS, 1962-1982

Year	Fluid market milk 1/	Fluid market cream 2/	Butter	Cheese, including cottage cheese	Condensed milk products 3/	Frozen dairy products	Other manufactured products 4/
				(percent)			
1962	52.8	8.2	10.7	3.8	6.5	11.8	6.2
1963	55.2	8.2	8.9	3.8	6.2	12.6	5.1
1964	55.6	7.8	9.1	3.7	6.6	12.9	4.3
1965	55.8	7.6	9.2	3.8	5.9	13.5	4.2
1966	56.5	7.4	7.0	3.6	6.6	13.7	5.2
1967	55.2	7.1	12.1	2.9	4.6	13.5	4.6
1968	53.2	6.6	14.2	2.8	5.1	13.6	4.5
1969	52.3	6.0	15.5	2.6	5.0	13.7	4.9
1970	49.0	5.5	20.7	3.1	3.9	13.3	4.5
1971	47.1	5.1	22.1	3.4	4.0	13.0	5.3
1972	45.5	4.6	24.7	3.5	3.2	12.5	6.0
1973	45.6	4.7	24.2	4.4	3.0	12.4	5.7
1974	43.6	2.2	26.9	5.2	2.7	13.0	6.4
1975	42.2	2.2	28.1	5.9	2.7	13.2	5.7
1976	40.9	2.1	28.8	6.8	2.6	12.7	6.1
1977	40.0	2.1	29.9	7.5	2.2	12.2	6.1
1978	40.2	2.0	26.5	8.3	2.1	12.6	8.3
1979	38.8	2.0	26.9	9.2	2.1	12.1	8.9
1980	34.5	1.8	30.8	10.1	1.7	11.2	9.9
1981	32.5	1.7	30.6	11.6	1.9	11.1	10.6
1982	30.7	1.7	31.2	13.6	3.0	10.8	9.0

1/ Includes fluid whole milk, fluid lowfat milk, concentrated fluid milk, and fluid skim milk through 1973. Yogurt is also included for the period 1974-1982.

2/ Includes fluid cream and half-and-half through 1973; half-and-half only for subsequent years.

3/ Includes evaporated milk and other condensed milk products.

4/ Includes sour and all other fluid cream for the period 1974-1982.

TABLE 17. COMMERCIAL PRODUCTION AND USAGE OF MILK IN CALIFORNIA, BY YEARS, 1965-1982 1/

	Commercial Production			Class 1 Usage	Availability for Manufacture			Relative to Production	
	Market	Manufacturing	Total		Market	Manufacturing	Total	Market	Total
	(thousand pounds)							(percent)	
1965	7,367,524	971,570	8,339,094	5,326,377	2,041,147	971,570	3,012,717	27.7	36.1
1966	7,591,503	865,655	8,457,158	5,463,262	2,128,241	865,655	2,993,896	28.0	35.4
1967	7,685,955	876,187	8,562,142	5,453,205	2,232,750	876,187	3,108,937	29.0	36.3
1968	8,002,052	815,387	8,817,439	5,441,752	2,560,300	815,387	3,375,687	32.0	38.3
1969	7,970,766	799,438	8,770,204	5,405,325	2,565,441	799,438	3,364,879	32.2	38.4
1970	8,481,432	865,027	9,346,459	5,399,404	3,082,028	865,027	3,947,055	36.3	42.2
1971	8,614,289	979,836	9,594,125	5,406,666	3,207,623	979,836	4,187,459	37.2	43.6
1972	9,163,369	1,136,171	10,299,540	5,647,138	3,516,231	1,136,171	4,652,402	38.4	45.2
1973	9,354,250	879,237	10,233,487	5,719,894	3,634,356	879,237	4,513,593	39.9	44.1
1974	9,776,188	724,765	10,500,953	5,740,347	4,035,841	724,765	4,760,606	41.3	45.3
1975	10,060,384	695,507	10,755,891	5,837,522	4,222,862	695,507	4,918,369	42.0	45.7
1976	10,886,279	602,087	11,488,366	6,032,561	4,853,718	602,087	5,455,805	44.6	47.5
1977	11,377,410	510,659	11,888,069	6,143,455	5,233,955	510,659	5,744,614	46.0	48.3
1978	11,329,087	447,648	11,776,735	6,211,747	5,117,340	447,648	5,564,988	45.2	47.3
1979	12,029,199	459,453	12,488,652	6,292,820	5,736,379	459,453	6,195,832	47.7	49.6
1980	12,998,001	517,997	13,515,998	6,238,927	6,759,074	517,997	7,277,071	52.0	53.8
1981	13,666,750	519,853	14,186,603	6,188,714	7,478,036	519,853	7,997,889	54.7	56.4
1982	13,901,010	566,472	14,467,482	6,082,539	7,818,471	566,472	8,384,943	56.2	58.0

1/ Detail for 1981 and 1982 shown in Table 22.

TABLE 18. COMMERCIAL PRODUCTION AND USAGE OF MARKET MILK FAT AND MARKET SKIM MILK IN CALIFORNIA, BY YEARS, 1965-1982 1/

	Market Milk Fat				Market Skim Milk			
	Commercial Production	Usage		Other usage relative to production	Commercial Production	Usage		Other usage relative to production
		Class 1	Other			Class 1	Other	
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1965	268,332	192,724	75,608	28.2	7,099,192	5,133,653	1,965,539	27.7
1966	274,577	196,054	78,523	28.6	7,316,926	5,267,208	2,049,718	28.0
1967	277,547	193,402	84,145	30.3	7,408,408	5,259,803	2,148,605	29.0
1968	287,023	190,057	96,966	33.8	7,715,029	5,251,695	2,463,334	31.9
1969	287,435	185,253	102,182	35.6	7,683,331	5,220,072	2,463,259	32.1
1970	303,336	182,919	120,417	39.7	8,178,096	5,216,485	2,961,611	36.2
1971	309,103	180,183	128,920	41.7	8,305,186	5,226,483	3,078,703	37.1
1972	327,371	185,058	142,313	43.5	8,835,998	5,462,080	3,373,918	38.6
1973	335,933	185,344	150,589	44.8	9,018,317	5,534,550	3,483,767	38.6
1974	351,133	173,348	177,785	50.6	9,425,055	5,566,999	3,858,056	40.9
1975	364,795	173,102	191,693	52.5	9,695,589	5,664,420	4,031,169	41.6
1976	390,950	178,026	212,924	54.5	10,495,329	5,854,535	4,640,794	44.2
1977	405,943	178,958	226,985	55.9	10,971,467	5,964,497	5,006,970	45.6
1978	408,311	179,515	228,796	56.0	10,920,776	6,032,232	4,888,544	44.8
1979	426,183	180,650	245,533	57.6	11,603,015	6,112,170	5,490,845	47.3
1980	468,324	176,741	291,583	62.3	12,529,677	6,062,086	6,467,591	51.6
1981	490,629	174,337	316,292	64.5	13,176,121	6,014,377	7,161,744	54.4
1982	504,415	170,381	334,034	66.2	13,396,595	5,912,158	7,484,437	55.9

1/ Detail for 1981 and 1982 shown in Tables 23 and 24.

TABLE 19. COMMERCIAL PRODUCTION OF MILK FAT AND SKIM MILK IN CALIFORNIA AVAILABLE FOR MANUFACTURE, BY YEARS, 1965-1982 1/

QUANTITIES AVAILABLE FOR MANUFACTURE

	Milk Fat				Skim Milk			
	Manufacturing	Market	Total	Relative to 2/ Production	Manufacturing	Market	Total	Relative to 3/ Production
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1965	36,537	75,608	112,145	36.8	935,033	1,965,539	2,900,572	36.1
1966	32,697	78,523	111,220	36.2	832,958	2,049,718	2,882,676	35.4
1967	33,115	84,145	117,260	37.7	843,072	2,148,605	2,991,677	36.3
1968	30,715	96,966	127,681	40.2	784,672	2,463,334	3,248,006	38.2
1969	30,081	102,182	132,263	41.7	769,357	2,463,259	3,232,616	38.2
1970	32,395	120,417	152,812	45.5	832,632	2,961,611	3,794,243	42.1
1971	36,549	128,920	165,469	47.9	943,287	3,078,703	4,021,990	43.5
1972	41,940	142,313	184,253	49.9	1,094,231	3,373,918	4,468,149	45.0
1973	32,646	150,589	183,235	49.7	846,591	3,483,767	4,330,358	43.9
1974	26,748	177,785	204,533	54.1	698,017	3,858,056	4,556,073	45.0
1975	25,960	191,693	217,653	55.7	669,547	4,031,169	4,700,716	45.4
1976	22,562	212,924	235,486	56.9	579,525	4,640,794	5,220,319	47.1
1977	18,958	226,985	245,943	57.9	491,701	5,006,970	5,498,671	48.0
1978	16,816	228,796	245,612	57.8	430,832	4,888,544	5,319,376	48.7
1979	16,881	245,533	262,414	59.2	442,572	5,490,845	5,933,417	49.2
1980	19,050	291,483	310,533	63.7	498,947	6,467,591	6,966,538	53.5
1981	19,147	316,292	335,439	65.8	500,706	7,161,744	7,662,450	56.0
1982	20,954	334,034	354,988	67.6	545,518	7,484,437	8,029,955	57.6

1/ Detail for 1981 and 1982 shown in Tables 23 and 24.

2/ The total commercial production of milk fat is presented in column 2 of Table 23.

3/ The total commercial production of skim milk is presented in column 2 of Table 24.

TABLE 20. SALES OF CALIFORNIA CLASS 1 MARKET MILK PRODUCTS, BY MONTHS, 1982

	January	February	March	April	May	June	July	August	September	October	November	December
						(Gallons)						
Market Whole Milk	33,589,606	30,351,956	34,125,960	32,751,036	31,917,792	31,964,165	33,224,675	33,366,254	33,499,634	33,984,454	33,193,271	33,505,491
Market Lowfat Milk	20,698,451	18,684,090	21,611,218	20,338,690	20,456,368	19,092,299	19,140,223	19,249,211	21,081,845	22,152,231	21,395,713	21,109,131
Market Skim Milk	3,592,149	3,309,321	3,857,707	3,605,586	3,642,692	3,370,532	3,300,198	3,272,071	3,578,017	3,842,417	3,622,114	3,436,205
Half-and-Half	780,247	726,217	816,679	801,666	789,962	803,773	844,475	804,989	778,766	790,148	853,553	910,037
Yogurt	1,107,907	1,182,459	1,337,986	1,300,627	1,313,424	1,208,097	1,290,316	1,333,096	1,272,345	1,230,410	1,099,467	932,382
Other Class 1 Products	3,632	3,818	4,423	4,021	4,119	4,404	4,088	4,423	4,080	3,910	4,361	4,869
Total Class 1	59,771,992	54,257,861	61,753,973	58,801,626	58,124,357	56,443,270	57,803,975	58,030,044	60,214,687	62,003,570	60,168,479	59,898,115

MILK FAT SOLD IN CALIFORNIA CLASS 1 MARKET MILK PRODUCTS

						(Pounds)						
Market Whole Milk	10,003,156	9,040,661	10,164,111	9,752,998	9,514,151	9,512,679	9,887,942	9,928,276	9,984,775	10,116,585	9,885,124	9,964,536
Market Lowfat Milk	3,493,285	3,142,882	3,645,029	3,432,093	3,449,050	3,221,398	3,238,813	3,231,087	3,546,727	3,726,390	3,604,324	3,571,503
Market Skim Milk	4,011	3,766	4,339	4,193	3,955	3,434	3,437	4,519	5,444	4,013	3,789	6,180
Half-and-Half	715,646	668,380	751,775	738,213	727,468	739,642	777,534	740,967	714,931	726,635	782,955	834,732
Yogurt	175,049	186,828	211,402	205,499	207,521	190,879	203,870	210,629	201,030	194,405	173,716	147,316
Other Class 1 Products	3,269	3,436	3,981	3,619	3,707	3,964	3,679	3,981	3,672	3,519	3,925	4,382
Total Class 1	14,394,416	13,045,953	14,780,637	14,136,615	13,905,852	13,671,996	14,115,275	14,119,459	14,456,579	14,771,547	14,453,833	14,528,649

TABLE 21. PRODUCTION OF SELECTED MANDATORY CLASS 2 PRODUCTS AND USAGE OF MARKET MILK FAT IN THESE PRODUCTS IN CALIFORNIA, BY MONTHS, 1982

	January	February	March	April	May	June	July	August	September	October	November	December
						(product pounds)						
Sour Cream & Sour Cream Dress.	4,979,598	5,298,180	5,842,648	5,810,903	6,177,476	6,364,807	5,824,794	6,327,336	5,925,290	5,419,047	7,079,548	8,093,178
All Other Market Cream	1,921,399	2,855,288	3,128,184	3,469,352	3,469,529	3,459,521	3,256,672	3,128,343	3,033,386	2,981,412	5,133,800	3,777,259
Buttermilk	6,740,090	6,547,243	7,504,391	7,042,316	7,248,541	7,039,971	7,063,495	7,251,859	6,925,567	6,871,088	6,793,206	6,801,042
Creamed Cottage Cheese 1/	2,461,456	2,277,700	2,620,778	2,449,961	2,572,846	2,448,096	2,467,399	2,539,381	2,464,006	2,457,214	2,174,837	2,055,618
Lowfat Cottage Cheese 1/	1,362,204	1,312,910	1,536,438	1,470,348	1,509,448	1,414,954	1,501,424	1,459,922	1,407,259	1,382,810	1,243,946	1,158,728
Cottage Cheese, Dry Curd 2/	53,088,592	49,665,676	57,850,686	54,430,576	57,306,682	54,479,028	54,634,959	54,713,542	52,565,444	51,996,507	45,267,650	42,821,029
Filled and Imitation Products	125,030	120,689	138,651	127,250	169,636	126,161	131,578	133,314	104,981	112,027	130,790	113,131
Yogurt (Out-of-State Use)	1,790,761	2,243,637	2,232,698	2,421,700	2,280,763	2,236,507	2,655,904	2,806,214	2,875,677	2,725,890	2,363,994	1,996,559
TOTAL	72,469,130	70,321,323	80,854,474	77,222,406	80,734,921	77,569,045	77,536,225	78,359,911	75,301,610	73,945,995	70,187,771	66,816,544
						(market milk fat pounds)						
Sour Cream & Sour Cream Dressing	999,447	1,063,389	1,172,668	1,166,297	1,239,871	1,277,470	1,169,085	1,269,949	1,189,255	1,087,648	1,420,925	1,624,369
All Other Market Cream	628,282	933,655	1,022,890	1,134,449	1,134,507	1,131,234	1,064,904	1,022,942	991,892	974,897	1,678,710	1,235,132
Buttermilk	31,276	30,382	34,823	32,679	33,636	32,668	32,777	33,651	32,137	31,884	31,523	31,559
Creamed Cottage Cheese 3/	356,911	330,266	380,013	355,244	373,063	354,974	357,773	368,210	357,281	356,296	315,351	298,065
Lowfat Cottage Cheese 4/	74,921	72,210	84,504	80,869	83,020	77,822	82,578	80,296	77,399	76,054	68,417	63,730
Cottage Cheese, Dry Curd	---	---	---	---	---	---	---	---	---	---	---	---
Filled and Imitation Products	---	---	---	---	---	---	---	---	---	---	---	---
Yogurt (Out-of-State Use)	32,900	41,220	41,019	44,492	41,902	41,089	48,794	51,556	52,832	50,080	43,432	36,681
TOTAL	2,123,737	2,471,122	2,735,917	2,814,030	2,905,999	2,915,257	2,755,911	2,826,604	2,700,796	2,576,859	3,558,358	3,289,536

1/ Approximately 0.34 pound of creaming mixture is added to each pound of curd in the creaming process.

2/ 7.14 pounds of skim milk are required to make one pound of dry curd.

3/ Creaming mixture for creamed cottage cheese tests 14.5%.

4/ Creaming mixture for lowfat cottage cheese tests 5.5%.

TABLE 22. UTILIZATION OF MARKET AND MANUFACTURING MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1981-1982

YEAR AND MONTH	COMMERCIAL MILK PRODUCTION	MARKET MILK PRODUCTION AND USAGE							MANUFACTURING MILK PRODUCTION	MILK AVAILABLE FOR MANUFACTURE 1/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total	Total	Total	Relative to Production	Total	Relative to Production	Total	Relative to Production	Total	Total	Relative to Commercial Production
	(thousand pounds)	(thousand pounds)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(thousand pounds)	(percent)
1981	14,186,603	13,666,750	6,188,714	45.3	971,918	7.1	6,506,118	47.6	519,853	7,025,971	49.5
1982	14,467,483	13,901,012	6,082,538	43.7	901,318	6.5	6,917,156	49.8	566,471	7,483,627	51.7
1981											
January	1,126,448	1,092,700	536,334	49.1	79,420	7.3	476,946	43.6	33,748	510,694	45.3
February	1,037,636	1,003,935	480,618	47.9	74,879	7.4	448,438	44.7	33,701	482,139	46.5
March	1,183,284	1,139,926	538,850	47.3	84,060	7.4	517,016	45.4	43,358	560,374	47.4
April	1,179,697	1,133,361	511,514	45.1	85,068	7.5	536,779	47.4	46,336	583,115	49.4
May	1,237,096	1,187,496	515,158	43.4	88,497	7.4	583,841	49.2	49,600	633,441	51.2
June	1,196,445	1,148,086	501,256	43.7	89,156	7.8	557,674	48.6	48,359	606,033	50.6
July	1,255,963	1,206,767	515,326	42.7	88,124	7.3	603,317	50.0	49,196	652,513	52.0
August	1,241,210	1,192,975	506,356	42.4	82,915	7.0	603,704	50.6	48,235	651,939	52.5
September	1,189,541	1,146,299	517,827	45.2	78,648	6.9	549,824	48.0	43,242	593,066	49.8
October	1,213,659	1,171,405	542,544	46.3	74,910	6.4	553,951	47.3	42,254	596,205	49.1
November	1,150,800	1,108,614	508,428	45.9	75,006	6.8	525,180	47.4	42,186	567,366	49.3
December	1,174,824	1,135,186	514,503	45.3	71,235	6.3	549,448	48.4	39,638	589,086	50.1
1982											
January	1,166,982	1,129,277	514,039	45.5	72,469	6.4	542,769	48.1	37,705	580,474	49.7
February	1,082,917	1,045,930	466,618	44.6	70,321	6.7	508,991	48.7	36,987	545,978	50.4
March	1,227,996	1,184,112	531,084	44.8	80,854	6.8	572,174	48.3	43,884	616,058	50.2
April	1,189,169	1,142,316	505,694	44.3	77,222	6.8	559,400	49.0	46,853	606,253	51.0
May	1,232,324	1,180,426	499,869	42.3	80,735	6.8	599,822	50.8	51,898	651,720	52.9
June	1,232,198	1,182,088	485,412	41.1	77,569	6.6	619,107	52.4	50,110	669,217	54.3
July	1,276,787	1,220,688	497,114	40.7	77,536	6.4	646,038	52.9	56,099	702,137	55.0
August	1,271,448	1,216,282	499,058	41.0	78,360	6.4	638,864	52.5	55,166	694,030	54.6
September	1,214,721	1,164,261	517,846	44.5	75,302	6.5	571,113	49.0	50,460	621,573	51.2
October	1,229,048	1,180,355	533,231	45.2	73,946	6.3	573,178	48.6	48,693	621,871	50.6
November	1,162,498	1,118,279	517,449	46.3	70,188	6.3	530,642	47.4	44,219	574,861	49.4
December	1,181,395	1,136,998	515,124	45.3	66,816	5.9	555,058	48.8	44,397	599,455	50.7

1/ The milk available for manufacturing purposes in California is Total Commercial Production excluding Market Milk Class 1 and mandatory Class 2 usage.

TABLE 23. UTILIZATION OF MARKET AND MANUFACTURING MILK FAT PRODUCTION IN CALIFORNIA, BY MONTHS, 1981-1982

YEAR AND MONTH	COMMERCIAL MILK FAT PRODUCTION	MARKET MILK FAT PRODUCTION AND USAGE							MANUFACTURING MILK FAT PRODUCTION	MILK FAT AVAILABLE FOR MANUFACTURE 1/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total (thousand pounds)	Total (thousand pounds)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Total (thousand pounds)	Relative to Commercial Production (percent)
1981	509,776	490,629	174,337	35.5	32,153	6.6	284,139	57.9	19,147	303,286	59.5
1982	525,370	504,416	170,381	33.8	33,675	6.7	300,360	59.5	20,954	321,314	61.2
1981											
January	42,031	40,742	15,077	37.0	2,050	5.0	23,615	58.0	1,289	24,904	59.2
February	38,435	37,170	13,520	36.4	2,362	6.4	21,288	57.3	1,265	22,553	58.7
March	43,425	41,807	15,051	36.0	2,559	6.1	24,197	57.9	1,618	25,815	59.4
April	42,211	40,509	14,357	35.4	2,953	7.3	23,199	57.3	1,702	24,901	59.0
May	42,924	41,158	14,369	34.9	2,676	6.5	24,113	58.6	1,766	25,879	60.3
June	41,025	39,331	14,149	36.0	2,762	7.0	22,420	57.0	1,694	24,114	58.8
July	42,962	41,233	14,699	35.6	2,676	6.5	23,858	57.9	1,729	25,587	59.6
August	43,255	41,527	14,453	34.8	2,558	6.2	24,516	59.0	1,728	26,244	60.7
September	42,058	40,474	14,553	36.0	2,495	6.2	23,426	57.9	1,584	25,010	59.5
October	44,358	42,756	15,176	35.5	2,569	6.0	25,011	58.5	1,602	26,613	60.0
November	42,745	41,121	14,284	34.7	3,275	8.0	23,562	57.3	1,624	25,186	58.9
December	44,347	42,801	14,649	34.2	3,218	7.5	24,934	58.2	1,546	26,480	59.7
1982											
January	44,810	43,339	14,394	33.2	2,124	4.9	26,821	61.9	1,471	28,292	63.1
February	40,727	39,323	13,046	33.2	2,471	6.3	23,806	60.5	1,404	25,210	61.9
March	45,558	43,916	14,781	33.6	2,736	6.2	26,399	60.1	1,642	28,041	61.6
April	43,813	42,067	14,137	33.6	2,814	6.7	25,116	59.7	1,746	26,862	61.3
May	43,236	41,383	13,906	33.6	2,906	7.0	24,571	59.4	1,853	26,424	61.1
June	42,764	40,986	13,672	33.4	2,915	7.1	24,399	59.5	1,778	26,177	61.2
July	44,280	42,306	14,115	33.4	2,756	6.5	25,435	60.1	1,974	27,409	61.9
August	44,277	42,312	14,119	33.4	2,827	6.7	25,366	59.9	1,965	27,331	61.7
September	43,005	41,167	14,456	35.1	2,701	6.6	24,010	58.3	1,838	25,848	60.1
October	44,611	42,789	14,772	34.5	2,577	6.0	25,440	59.4	1,822	27,262	61.1
November	43,394	41,682	14,454	34.7	3,558	8.5	23,670	56.8	1,712	25,382	58.5
December	44,895	43,146	14,529	33.7	3,290	7.6	25,327	58.7	1,749	27,076	60.3

1/ The milk fat available for manufacturing purposes in California is Total Commercial Milk Fat Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Fat Usage.

TABLE 24. UTILIZATION OF MARKET AND MANUFACTURING SKIM MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1981-1982

YEAR AND MONTH	COMMERCIAL SKIM MILK PRODUCTION	MARKET SKIM MILK PRODUCTION AND USAGE							MANUFACTURING SKIM MILK PRODUCTION	SKIM MILK AVAILABLE FOR MANUFACTURE 1/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total (thousand pounds)	Total (thousand pounds)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Total (thousand pounds)	Relative to Commercial Production (percent)
1981	13,676,827	13,176,121	6,014,377	45.6	939,765	7.1	6,221,979	47.2	500,706	6,722,685	49.2
1982	13,942,113	13,396,596	5,912,157	44.1	867,643	6.5	6,616,796	49.4	545,517	7,162,313	51.4
1981											
January	1,084,417	1,051,958	521,257	49.6	77,370	7.4	453,331	32.1	32,459	485,790	44.8
February	999,201	966,765	467,098	48.3	72,517	7.5	427,150	44.2	32,436	459,586	46.0
March	1,139,859	1,098,119	523,799	47,7	81,501	7.4	492,819	44.9	41,740	534,559	46.9
April	1,137,486	1,092,852	497,157	45.5	82,115	7.5	513,580	47.0	44,634	558,214	49.1
May	1,194,172	1,146,338	500,789	43.7	85,821	7.5	559,728	48.8	47,834	607,562	50.9
June	1,155,420	1,108,755	487,107	43.9	86,394	7.8	535,254	48.3	46,665	581,919	50.4
July	1,213,001	1,165,534	500,627	43.0	85,448	7.3	579,459	49.7	47,467	626,926	51.7
August	1,197,955	1,151,448	491,903	42.7	80,357	7.0	579,188	50.3	46,507	625,695	52.2
September	1,147,483	1,105,825	503,274	45.5	76,153	6.9	526,398	47.6	41,658	568,056	49.5
October	1,169,301	1,128,649	527,368	46.7	72,341	6.4	528,940	46.9	40,652	569,592	48.7
November	1,108,055	1,067,493	494,144	46.3	71,731	6.7	501,618	47.0	40,562	542,180	48.9
December	1,130,477	1,092,385	499,854	45.8	68,017	6.2	524,514	48.0	38,092	562,606	49.8
1982											
January	1,122,172	1,085,938	499,645	46.0	70,345	6.5	515,948	47.5	36,234	552,182	49.2
February	1,042,190	1,006,607	453,572	45.1	67,850	6.7	485,185	48.2	35,583	520,768	50.0
March	1,182,438	1,140,196	516,303	45.3	78,118	6.8	545,775	47.9	42,242	588,017	49.7
April	1,145,356	1,100,249	491,557	44.7	74,408	6.8	534,284	48.6	45,107	579,391	50.6
May	1,189,088	1,139,043	485,963	42.7	77,829	6.8	575,251	50.5	50,045	625,296	52.6
June	1,189,434	1,141,102	471,740	41.3	74,654	6.5	594,708	52.1	48,332	643,040	54.1
July	1,232,507	1,178,382	482,999	41.0	74,780	6.3	620,603	52.7	54,125	674,728	54.7
August	1,227,171	1,173,970	484,939	41.3	75,533	6.4	613,498	52.3	53,201	666,699	54.3
September	1,171,716	1,123,094	503,390	44.8	72,601	6.5	547,103	48.7	48,622	595,725	50.8
October	1,184,437	1,137,566	518,459	45.6	71,369	6.3	547,738	48.1	46,871	594,609	50.2
November	1,119,104	1,076,597	502,995	46.7	66,630	6.2	506,972	47.1	42,507	549,479	49.1
December	1,136,500	1,093,852	500,595	45.8	63,526	5.8	529,731	48.4	42,648	572,379	50.4

1/ The skim milk available for manufacturing purposes in California is Total Commercial Skim Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Skim Milk Usage.

SALES OF CLASS 1 MARKET MILK PRODUCTS

Total sales of Class 1 market milk products in California during 1982 amounted to approximately 707.3 million gallons. This included 640.5 million gallons of fluid milk (whole milk and lowfat milk) 42.4 million gallons of fluid skim milk; 9.7 million gallons of half-and-half; and 14.7 million gallons of yogurt and miscellaneous Class 1 products. The sales of fluid milk included 15.3 million gallons to the Federal Government and 625.1 million gallons to the civilian trade.

Beginning January 1974, changes were made in the usage classification of several products made with market grade milk. The changes which are reflected in this section are as follows: (1) The product called flavored dairy drink was replaced by flavored lowfat milk, and flavored nonfat milk (tabulated as components of lowfat milk sales, and fluid skim milk sales, respectively); (2) all fluid cream items except half-and-half became Class 2 usage items; and (3) yogurt sales plus sales of the Class 1 skim portion of imitation milk products have been tabulated as part of Class 1 sales. Because of these changes, valid comparisons can be made between 1981 Class 1 sales and Class 1 sales for years prior to 1974 are difficult.

Between 1981 and 1982, total Class 1 sales were down 1.7 percent. Sales of fluid milk dropped 1.6 percent; sales of fluid skim milk, declined 3.9 percent; and sales of fluid half-and-half were up 0.5 percent.

A summary of fluid milk sales by type of trade in California for the years 1965 through 1982 is presented in Table 36. During 1982, sales of fluid milk to the wholesale trade (stores, restaurants, schools, hospitals, etc.) by distributors on their own routes represented 85.2 percent of total sales; sales by distributors on their own routes to retail customers accounted for 0.3 percent; sales to retail customers cash-and-carry at ranch and/or processing plant, 0.7 percent; sales to subdistributors or peddlers for resale to the trade, 11.4 percent; and sales to the Federal Government, 2.4 percent.

TABLE 25. SALES OF CLASS 1 MARKET MILK PRODUCTS IN CALIFORNIA, BY YEARS 1965-1982

	Fluid Market Milk 1/			Market skim milk	Flavored dairy drink	Half-and-half	Market Cream			Total Class 1 2/
	Total	Federal Gov.	Other				Total	Sour	Other	
	(thousand gallons)									
1965	557,694	34,989	522,705	33,088	11,031	12,984	4,549	2,869	1,680	619,346
1966	574,852	41,792	533,060	33,228	10,024	12,455	4,704	3,093	1,611	635,263
1967	574,084	40,897	533,187	34,015	9,637	11,711	4,647	3,120	1,527	634,094
1968	571,642	40,181	531,461	35,193	10,226	11,136	4,565	3,283	1,282	632,762
1969	568,672	37,630	531,042	34,904	10,341	10,412	4,197	3,350	847	628,526
1970	568,797	32,626	536,171	34,529	10,391	9,707	4,414	3,556	858	627,838
1971	569,655	30,396	539,259	36,220	9,864	8,427	4,516	3,597	919	628,682
1972	594,110	30,628	563,482	39,738	10,231	8,087	4,478	3,581	897	656,644
1973	600,990	30,178	570,812	41,523	9,820	8,166	4,605	3,773	832	665,104
1974	601,450	27,972	573,478	43,639	---	8,212	---	---	---	667,482
1975	609,327	23,428	585,899	46,263	---	8,207	---	---	---	678,782
1976	634,292	21,683	612,609	46,540	---	8,516	---	---	---	701,461
1977	646,060	20,254	625,806	47,312	---	8,614	---	---	---	714,355
1978	654,784	18,077	636,707	46,097	---	9,095	---	---	---	722,296
1979	662,761	17,203	645,558	45,046	---	9,378	---	---	---	731,723
1980	655,269	16,243	639,026	44,694	---	9,394	---	---	---	725,455
1981	650,965	15,476	635,489	44,170	---	9,650	---	---	---	719,615
1982	640,484	15,340	625,144	42,429	---	9,700	---	---	---	707,272
1979										
January	57,980	1,597	56,383	3,997		787				63,850
February	51,750	1,409	50,341	3,602		755				57,124
March	57,856	1,559	56,297	4,054	Included	801				63,863
April	53,382	1,383	51,999	3,656	in	763	No longer Class 1			58,962
May	56,704	1,482	55,222	3,937	Fluid	795	products			62,716
June	52,526	1,451	51,075	3,587	Milk	766				58,085
July	52,812	1,355	51,457	3,433	and	786				58,225
August	55,687	1,403	54,284	3,552	Fluid	806				61,336
September	54,693	1,398	53,295	3,735	Skim	711				60,466
October	58,953	1,461	57,492	4,141	Milk	776				65,345
November	56,359	1,428	54,931	3,808		801				62,193
December	54,059	1,277	52,782	3,544		831				59,558
1980										
January	56,918	1,434	55,484	3,746		769				62,735
February	53,761	1,338	52,423	3,734		740				59,641
March	55,055	1,365	53,690	3,897	Included	773				61,169
April	53,808	1,398	52,410	3,949	in	757	No longer Class 1			59,958
May	55,674	1,339	54,335	3,939	Fluid	792	products			61,917
June	50,782	1,172	49,610	3,536	Milk	772				56,512
July	54,059	1,380	52,679	3,482	and	809				59,739
August	53,329	1,320	52,009	3,437	Fluid	784				58,875
September	55,340	1,373	53,967	3,712	Skim	765				61,160
October	58,067	1,455	56,612	4,070	Milk	796				64,312
November	53,236	1,337	51,899	3,601		780				58,722
December	55,240	1,332	53,908	3,591		857				60,716
1981										
January	56,513	1,348	55,165	3,926		782				62,364
February	50,444	1,312	49,132	3,532		710				55,886
March	56,442	1,494	54,948	4,062	Included	792				62,657
April	53,608	1,340	52,268	3,806	in	789	No longer Class 1			59,478
May	53,903	1,265	52,638	3,885	Fluid	793	products			59,902
June	52,435	1,218	51,217	3,634	Milk	810				58,285
July	54,241	1,344	52,897	3,491	and	845				59,920
August	53,476	1,230	52,246	3,384	Fluid	816				58,877
September	54,605	1,291	53,314	3,616	Skim	776				60,212
October	57,156	1,268	55,888	3,866	Milk	814				63,086
November	53,568	1,133	52,435	3,568		828				59,120
December	54,574	1,233	53,341	3,400		895				59,826
1982										
January	54,289	1,462	52,827	3,592		780				59,772
February	49,035	1,250	47,785	3,309		726				54,258
March	55,738	1,291	54,447	3,858	Included	817				61,754
April	53,090	1,276	51,814	3,606	in	802	No longer Class 1			58,802
May	52,374	1,180	51,194	3,643	Fluid	790	products			58,124
June	51,056	1,232	49,824	3,371	Milk	804				56,443
July	52,365	1,260	51,105	3,300	and	844				57,804
August	52,616	1,301	51,315	3,272	Fluid	805				58,030
September	54,581	1,298	53,283	3,578	Skim	779				60,215
October	56,137	1,266	54,871	3,842	Milk	790				62,004
November	54,589	1,253	53,336	3,622		853				60,168
December	54,614	1,272	53,342	3,436		910				59,898

1/ Includes lowfat market milk.

2/ Subsequent to 1973, total Class 1 includes yogurt and miscellaneous Class 1 products.

TABLE 26. CLASS 1 SALES OF SELECTED FLUID MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, 1982

Marketing Area	Market Whole Milk	Market Lowfat Milk	Market Skim Milk	Half-and-Half	Total Class 1
			(Gallons)		
Central Coast Counties	69,362,052	54,935,934	7,258,825	2,550,480	Sales of yogurt and miscellaneous Class 1 products not available by marketing areas
Redwood	11,028,763	9,228,051	1,209,791	425,680	
North Valley	41,683,597	31,892,817	3,388,798	944,004	
Central Valley	1,562,454	888,264	92,119	14,474	
South Valley	26,500,702	13,157,595	1,620,122	465,442	
Southern California	243,076,851	133,296,667	28,675,292	5,237,259	
Del Norte-Humboldt	2,040,103	1,498,295	176,327	48,083	
Out of Area	219,772	111,847	7,735	15,090	
STATE TOTALS	395,474,294	245,009,470	42,429,009	9,700,512	707,271,949

TABLE 27. TOTAL CLASS 1 SALES OF MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, 1982

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(Gallons)						
Central Coast Co's	11,221,473	10,283,841	11,720,833	11,252,865	10,931,614	10,766,929	10,885,936	10,915,716	11,422,999	11,817,018	11,398,401	11,489,666
Redwood	1,782,090	1,645,680	1,875,223	1,810,059	1,763,581	1,734,407	1,779,912	1,868,187	1,917,752	1,931,796	1,885,538	1,898,060
North Valley	6,525,103	6,044,142	6,828,008	6,541,336	6,376,691	6,159,219	6,669,800	6,455,953	6,696,720	6,632,661	6,456,436	6,523,147
Central Valley	205,092	222,524	249,898	240,503	226,660	221,462	237,687	201,606	191,333	190,918	185,087	184,541
South Valley	3,528,017	3,083,233	3,597,364	3,387,428	3,326,837	3,295,490	3,323,297	3,481,840	3,811,809	3,709,212	3,573,365	3,625,969
Southern California	35,053,419	31,472,231	35,783,119	33,913,275	33,859,141	32,721,087	33,266,012	33,421,682	34,549,305	36,128,464	35,215,836	34,902,498
Del Norte-Humboldt	320,028	294,666	329,248	318,589	290,576	302,548	312,034	316,694	316,573	329,526	321,784	310,542
Out of Area	25,231	25,267	27,871	32,923	31,714	29,627	34,893	30,847	31,771	29,655	28,204	26,441
STATE TOTALS	58,660,453	53,071,584	60,411,564	57,496,978	56,806,814	55,230,769	56,509,571	56,692,525	58,938,262	60,769,250	59,064,651	58,960,864

TABLE 28. TOTAL SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1982 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(Gallons)						
Central Coast Co's	10,404,022	9,525,036	10,859,764	10,431,473	10,120,110	9,962,918	10,073,081	10,119,847	10,605,738	10,966,322	10,571,521	10,658,154
Redwood	1,651,766	1,523,726	1,733,439	1,673,794	1,629,743	1,601,456	1,645,311	1,730,381	1,777,654	1,789,234	1,744,071	1,756,239
North Valley	6,175,269	5,711,078	6,449,104	6,162,895	6,017,169	5,805,880	6,290,726	6,092,248	6,329,559	6,272,188	6,106,031	6,164,267
Central Valley	197,513	213,123	238,622	229,749	216,282	212,046	226,904	193,985	183,496	183,610	178,059	177,329
South Valley	3,368,235	2,940,664	3,430,499	3,228,062	3,149,978	3,115,859	3,137,539	3,299,173	3,620,811	3,529,154	3,396,133	3,442,190
Southern California	32,167,335	28,821,676	32,690,635	31,033,820	30,938,409	30,046,576	30,664,621	30,852,919	31,736,423	33,057,930	32,264,312	32,098,862
Del Norte-Humboldt	300,230	277,112	309,068	299,094	272,743	284,011	294,059	298,243	298,098	310,433	302,475	292,832
Out of Area	23,687	23,631	26,047	30,839	29,726	27,718	32,657	28,669	29,700	27,814	26,382	24,749
STATE TOTALS	54,288,057	49,036,046	55,737,178	53,089,726	52,374,160	51,056,464	52,364,898	52,615,465	54,581,479	56,136,685	54,588,984	54,614,622

1/ Sales of market whole milk and lowfat milk to the Federal Government are included.

TABLE 29. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1982 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(Gallons)						
Central Coast Co's	10,133,241	9,267,533	10,563,788	10,128,227	9,848,638	9,690,203	9,783,156	9,730,321	10,224,260	10,580,360	10,241,534	10,316,210
Redwood	1,629,265	1,501,124	1,709,537	1,648,463	1,606,676	1,578,272	1,621,061	1,706,895	1,753,434	1,763,489	1,719,440	1,732,400
North Valley	5,978,681	5,559,869	6,275,406	5,997,648	5,834,563	5,607,428	6,093,747	6,021,001	6,251,633	6,192,896	5,981,117	6,029,435
Central Valley	197,513	181,169	202,415	194,814	182,274	180,345	193,440	193,985	183,496	183,610	178,059	177,329
South Valley	3,306,691	2,913,206	3,397,866	3,198,855	3,121,454	3,088,308	3,124,648	3,286,331	3,606,803	3,493,995	3,363,673	3,407,492
Southern California	31,257,662	28,063,001	31,962,773	30,316,253	30,298,445	29,368,542	29,963,056	30,049,713	30,936,757	32,318,963	31,523,831	31,362,938
Del Norte-Humboldt	299,596	276,458	308,341	298,540	272,299	283,477	293,403	297,683	297,578	309,785	301,845	292,215
Out of Area	23,687	23,631	26,047	30,839	29,726	27,718	32,657	28,669	29,700	27,814	26,382	24,749
STATE TOTALS	52,826,336	47,785,991	54,446,173	51,813,639	51,194,075	49,824,293	51,105,168	51,314,598	53,283,661	54,870,912	53,335,881	53,342,768

1/ Sales of market whole milk and lowfat milk to the Federal Government are not included. They are shown separately in Table 30.

TABLE 30. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA TO THE FEDERAL GOVERNMENT BY MARKETING AREAS, 1982

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(Gallons)						
Central Coast Co's	270,781	257,503	295,976	303,246	271,472	272,715	289,925	389,526	381,478	385,962	329,987	341,944
Redwood	22,501	22,602	23,902	25,331	23,067	23,184	24,250	23,486	24,220	25,745	24,631	23,839
North Valley	196,588	151,209	173,698	165,247	182,606	198,452	196,979	71,247	77,926	79,292	124,914	134,832
Central Valley	---	31,954	36,207	34,935	34,008	31,701	33,464	---	---	---	---	---
South Valley	61,544	27,458	32,633	29,207	28,524	27,551	12,891	12,842	14,008	35,159	32,460	34,698
Southern California	909,673	758,675	727,862	717,567	639,964	678,034	701,565	803,206	799,666	738,967	740,481	735,924
Del Norte-Humboldt	634	654	727	554	444	534	656	560	520	648	630	617
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	1,461,721	1,250,055	1,291,005	1,276,087	1,180,085	1,232,171	1,259,730	1,300,867	1,297,818	1,265,773	1,253,103	1,271,854

TABLE 31. SALES OF MARKET WHOLE MILK IN CALIFORNIA, BY MARKETING AREAS, 1982

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(Gallons)						
Central Coast Co's	5,748,914	5,308,472	5,967,819	5,811,254	5,564,378	5,666,282	5,836,120	5,862,185	5,860,713	5,993,699	5,805,595	5,936,621
Redwood	896,364	830,362	921,576	906,743	878,490	879,516	910,577	970,383	963,673	967,888	942,456	960,735
North Valley	3,488,180	3,220,390	3,608,989	3,475,234	3,347,844	3,366,287	3,708,732	3,575,730	3,535,215	3,467,024	3,399,814	3,490,158
Central Valley	124,251	133,890	147,752	143,830	142,221	137,678	150,956	130,560	114,347	113,010	110,651	113,308
South Valley	2,259,836	1,969,573	2,277,872	2,170,207	2,037,394	2,127,067	2,170,868	2,303,659	2,388,352	2,290,252	2,217,169	2,288,453
Southern California	20,888,017	18,716,642	21,010,437	20,052,973	19,772,220	19,600,263	20,249,210	20,323,560	20,446,362	20,957,194	20,527,326	20,532,647
Del Norte-Humboldt	168,584	157,087	174,737	171,077	155,571	168,094	176,011	180,336	170,953	177,334	173,139	167,180
Out of Area	15,460	15,540	16,778	19,718	19,674	18,978	22,201	19,841	20,019	18,053	17,121	16,389
STATE TOTALS	33,589,606	30,351,956	34,125,960	32,751,036	31,917,792	31,964,165	33,224,675	33,366,254	33,499,634	33,984,454	33,193,271	33,505,491

TABLE 32. SALES OF LOWFAT MARKET MILK IN CALIFORNIA, BY MARKETING AREAS, 1982 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Central Coast Co's	4,655,108	4,216,564	4,891,945	4,620,219	4,555,732	4,296,636	4,236,961	4,257,662	4,745,025	4,972,623	4,765,926	4,721,533
Redwood	755,402	693,364	811,863	767,051	751,253	721,940	734,734	759,998	813,981	821,346	801,615	795,504
North Valley	2,687,089	2,490,688	2,840,115	2,687,661	2,669,325	2,439,593	2,581,994	2,516,518	2,794,344	2,805,164	2,706,217	2,674,109
Central Valley	73,262	79,233	90,870	85,919	74,061	74,368	75,948	63,425	69,149	70,600	67,408	64,021
South Valley	1,108,399	971,091	1,152,627	1,057,855	1,112,584	980,792	966,671	995,514	1,232,459	1,238,902	1,178,964	1,153,737
Southern California	11,279,318	10,105,034	11,680,198	10,980,847	11,166,189	10,446,313	10,415,411	10,529,359	11,290,061	12,100,736	11,736,986	11,566,215
Del Norte-Humboldt	131,646	120,025	134,331	128,017	117,172	115,917	118,048	117,907	127,145	133,099	129,336	125,652
Out of Area	8,227	8,091	9,269	11,121	10,052	8,740	10,456	8,828	9,681	9,761	9,261	8,360
STATE TOTALS	20,698,451	18,684,090	21,611,218	20,338,690	20,456,368	19,092,299	19,140,223	19,249,211	21,081,845	22,152,231	21,395,713	21,109,131

1/ These data are included in Tables 28, 29, 30, and 36 to 41 inclusive.

TABLE 33. SALES OF MARKET SKIM MILK IN CALIFORNIA BY MARKETING AREAS, 1982

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Central Coast Co's	611,656	568,222	646,659	609,665	605,522	590,766	595,292	587,888	615,208	640,792	600,962	586,193
Redwood	97,852	91,913	107,847	100,662	99,793	97,762	98,648	101,359	105,422	106,005	102,433	100,095
North Valley	275,582	264,411	301,710	302,597	282,103	273,554	291,264	282,503	290,739	286,425	268,854	269,056
Central Valley	6,485	8,335	9,704	9,469	9,051	8,049	9,186	6,410	6,874	6,474	6,010	6,072
South Valley	128,896	113,217	132,572	125,281	144,401	138,006	138,063	137,845	148,240	141,304	133,974	138,323
Southern California	2,455,074	2,248,648	2,642,408	2,441,763	2,487,121	2,247,233	2,153,259	2,141,202	2,396,332	2,645,660	2,494,250	2,322,342
Del Norte-Humboldt	16,008	14,005	16,140	15,410	14,038	14,517	13,775	14,193	14,546	15,130	15,039	13,526
Out of Area	596	570	667	739	663	645	711	671	656	627	592	598
STATE TOTALS	3,592,149	3,309,321	3,857,707	3,605,586	3,642,692	3,370,532	3,300,198	3,272,071	3,578,017	3,842,417	3,622,114	3,436,205

TABLE 34. SALES OF HALF-AND-HALF IN CALIFORNIA, BY MARKETING AREAS, 1982

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Central Coast Co's	205,795	190,583	214,410	211,727	205,982	213,245	217,563	207,981	202,053	209,904	225,918	245,319
Redwood	32,472	30,041	33,937	35,603	34,045	35,189	35,953	36,447	34,676	36,557	39,034	41,726
North Valley	74,252	68,653	77,194	75,844	77,419	79,785	87,810	81,202	76,422	74,048	81,551	89,824
Central Valley	1,094	1,066	1,572	1,285	1,327	1,367	1,597	1,211	963	834	1,018	1,140
South Valley	30,886	29,352	34,293	34,085	32,458	41,625	47,695	44,822	42,758	38,754	43,258	45,456
Southern California	431,010	401,907	450,076	437,692	433,611	427,278	448,132	427,561	416,550	424,874	457,274	481,294
Del Norte-Humboldt	3,790	3,549	4,040	4,085	3,795	4,020	4,200	4,258	3,929	3,963	4,270	4,184
Out of Area	948	1,066	1,157	1,345	1,325	1,264	1,525	1,507	1,415	1,214	1,230	1,094
STATE TOTALS	780,247	726,217	816,679	801,666	789,962	803,773	844,475	804,989	778,766	790,148	853,553	910,037

TABLE 35. SALES OF CLASS 1 YOGURT IN CALIFORNIA, 1977-1982

	1977	1978	1979	1980	1981	1982
			(gallons)			
January	840,848	946,944	1,041,653	1,270,994	1,116,434	1,107,907
February	840,189	955,134	979,654	1,375,360	1,176,634	1,182,459
March	1,000,518	1,047,245	1,112,377	1,411,460	1,332,044	1,337,986
April	1,002,256	999,083	1,120,263	1,418,033	1,252,399	1,300,627
May	1,024,513	1,099,612	1,241,333	1,482,010	1,302,825	1,313,424
June	982,821	979,419	1,171,482	1,393,047	1,388,540	1,208,097
July	954,406	966,629	1,155,436	1,361,068	1,335,357	1,290,316
August	1,047,699	965,313	1,252,284	1,295,974	1,197,118	1,333,096
September	1,038,497	949,304	1,288,544	1,316,919	1,211,423	1,272,345
October	997,270	1,075,560	1,437,105	1,350,747	1,245,992	1,230,410
November	893,752	871,461	1,184,802	1,078,230	1,150,738	1,099,467
December	768,518	787,560	1,090,876	998,967	952,406	932,382
STATE TOTALS	11,391,287	11,643,264	14,075,809	15,752,809	14,661,910	14,608,516

TABLE 36. SALES OF FLUID MILK IN CALIFORNIA, BY TYPE OF TRADE, 1965-1982 1/

	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total
			(thousand gallons)			
1965	312,380	112,470	41,544	53,481	34,989	554,864
1966	328,760	105,551	39,502	56,473	41,792	572,078
1967	340,231	94,689	37,919	57,665	40,897	571,401
1968	350,504	83,247	35,293	59,935	40,181	569,160
1969	361,007	71,788	33,587	62,570	37,630	566,582
1970	379,699	49,879	31,690	73,051	32,626	566,945
1971	392,862	36,244	26,471	82,058	30,396	568,031
1972	416,564	31,096	24,880	89,512	30,628	592,680
1973	428,065	26,436	21,495	93,488	30,178	599,662
1974	439,995	16,668	18,779	96,472	27,973	599,887
1975	462,723	11,208	15,179	95,128	23,428	607,666
1976	488,481	8,610	12,141	101,974	21,683	632,889
1977	516,333	6,631	9,850	92,146	20,254	645,214
1978	538,073	5,534	8,607	83,983	18,077	654,274
1979	552,364	4,650	7,596	80,735	17,203	662,548
1980	552,691	2,814	6,509	76,682	16,245	654,941
1981	553,703	2,130	5,465	74,024	15,477	650,799
1982	545,833	1,978	4,491	72,842	15,340	640,484
1979						
January	48,164	439	703	7,041	1,597	57,944
February	43,007	394	634	6,272	1,409	51,716
March	48,192	462	677	6,928	1,559	57,818
April	44,469	393	645	6,459	1,383	53,349
May	46,981	412	644	7,151	1,482	56,670
June	43,630	338	581	6,491	1,451	52,491
July	43,962	314	619	6,529	1,355	52,779
August	46,531	308	655	6,758	1,403	55,655
September	45,604	418	603	6,641	1,398	54,664
October	49,118	424	654	7,263	1,461	58,920
Novmeber	47,063	392	606	6,841	1,428	56,330
December	45,643	356	575	6,361	1,277	54,212
1980						
January	47,800	342	602	6,713	1,434	56,891
February	45,162	324	574	6,339	1,338	53,737
March	46,309	273	585	6,496	1,365	55,028
April	45,172	259	562	6,390	1,398	53,781
May	46,594	276	576	6,860	1,339	55,645
June	42,995	228	512	5,850	1,172	50,757
July	45,703	205	508	6,236	1,380	54,032
August	45,108	173	514	6,189	1,320	53,304
September	46,506	186	533	6,701	1,373	55,299
October	49,166	193	551	6,671	1,456	58,037
November	45,073	163	488	6,151	1,338	53,213
December	47,103	192	504	6,086	1,332	55,217
1981						
January	48,386	190	514	6,051	1,349	56,490
February	42,788	171	485	5,669	1,312	50,425
March	47,759	180	540	6,447	1,494	56,420
April	45,450	175	504	6,116	1,340	53,585
May	45,735	173	497	6,212	1,265	53,882
June	44,747	187	375	5,886	1,218	52,413
July	46,017	169	419	6,272	1,344	54,221
August	45,596	163	410	6,060	1,230	53,459
September	46,229	178	451	6,456	1,291	54,605
October	48,605	186	453	6,645	1,268	57,157
November	45,721	174	414	6,126	1,133	53,568
December	46,670	184	403	6,084	1,233	54,574
1982						
January	46,386	173	392	5,876	1,462	54,289
February	41,750	157	360	5,518	1,250	49,035
March	47,648	185	401	6,213	1,291	55,738
April	45,496	172	379	5,767	1,276	53,090
May	44,801	166	380	5,847	1,180	52,374
June	43,564	176	371	5,713	1,232	51,056
July	44,653	150	347	5,955	1,260	52,365
August	44,767	141	372	6,035	1,301	52,616
September	46,103	165	397	6,618	1,298	54,581
October	47,866	171	382	6,452	1,266	56,137
November	46,245	162	388	6,541	1,253	54,589
December	46,555	159	320	6,308	1,272	54,614

1/ Sales of lowfat milk are included.

TABLE 37. SALES OF FLUID MILK IN CALIFORNIA MARKETING AREAS, BY TYPE OF TRADE, 1982 1/

Marketing Area	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total
			(gallons)			
Central Coast Co's	109,974,065	119,805	135,345	10,278,256	3,790,515	124,297,986
Redwood	16,473,769	—	178,947	3,317,340	286,758	20,256,814
North Valley	56,110,210	35,922	67,034	15,610,258	1,752,990	73,576,414
Central Valley	2,026,664	—	—	221,785	202,269	2,450,718
South Valley	31,137,552	696,514	575,321	6,899,935	348,975	39,658,297
Southern California	327,641,260	1,117,386	3,516,673	35,146,615	8,951,584	376,373,518
Del Norte-Humboldt	2,469,579	7,880	17,435	1,036,326	7,178	3,538,398
Out of Area	—	—	—	331,619	—	331,619
STATE TOTALS	545,833,099	1,977,507	4,490,755	72,842,134	15,340,269	640,483,764

1/ Lowfat milk is included

TABLE 38. WHOLESALE SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1982 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Central Coast Co's	9,210,019	8,454,936	9,580,819	9,194,015	8,939,882	8,818,558	8,923,117	8,940,145	9,323,497	9,701,151	9,391,252	9,496,674
Redwood	1,396,588	1,267,392	1,463,177	1,379,557	1,327,249	1,326,007	1,355,411	1,375,338	1,397,554	1,409,269	1,377,502	1,398,725
North Valley	4,704,834	4,401,022	4,945,491	4,729,364	4,509,723	4,421,368	4,738,918	4,708,037	4,817,908	4,808,490	4,592,775	4,732,280
Central Valley	171,151	153,732	174,978	168,088	155,776	152,741	164,808	162,896	183,496	183,610	178,059	177,329
South Valley	2,513,059	2,160,374	2,517,826	2,563,089	2,548,099	2,531,174	2,521,731	2,664,232	2,885,456	2,811,211	2,655,804	2,765,497
Southern California	28,177,119	25,121,636	28,749,848	27,254,450	27,126,023	26,114,731	26,748,084	26,712,890	27,289,691	28,734,453	27,838,166	27,774,169
Del Norte-Humboldt	213,134	191,308	215,520	207,112	194,373	199,538	200,635	203,133	205,843	217,847	211,099	210,037
Out of Area	—	—	—	—	—	—	—	—	—	—	—	—
STATE TOTALS	46,385,904	41,750,400	47,647,659	45,495,675	44,801,125	43,564,117	44,652,704	44,766,671	46,103,445	47,866,031	46,244,657	46,554,711

1/ Sales to institutions are included.

TABLE 39. RETAIL HOME-DELIVERED SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1982

(gallons)

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
Central Coast Counties	10,763	9,926	10,575	10,261	11,043	9,763	8,934	9,241	10,146	10,251	9,639	9,263
Redwood	---	---	---	---	---	---	---	---	---	---	---	---
North Valley	3,105	3,005	3,379	2,416	3,008	3,014	3,096	3,025	3,024	2,876	2,952	3,022
Central Valley	---	---	---	---	---	---	---	---	---	---	---	---
South Valley	67,450	58,842	66,553	63,033	62,204	58,868	49,691	48,606	53,939	57,921	57,290	52,117
Southern California	91,163	84,879	103,349	95,491	88,866	103,652	88,163	79,498	97,498	99,131	91,379	94,317
Del Norte-Humboldt	612	626	746	555	629	614	672	686	620	696	698	726
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	173,093	157,278	184,602	171,756	165,750	175,911	150,556	141,056	165,227	170,875	161,958	159,445

TABLE 40. CASH-AND-CARRY SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1982

(gallons)

Central Coast Counties	9,557	9,168	11,907	9,455	10,478	9,604	11,301	11,311	11,852	13,069	13,741	13,902
Redwood	12,459	12,271	14,595	13,024	13,702	12,424	13,145	13,181	21,513	12,265	20,949	19,419
North Valley	5,294	6,641	6,237	5,952	5,571	5,745	5,787	4,777	5,512	5,593	5,236	4,689
Central Valley	---	---	---	---	---	---	---	---	---	---	---	---
South Valley	41,229	43,491	52,014	47,105	44,104	45,709	48,318	47,513	49,386	49,218	53,870	53,364
Southern California	320,772	286,557	314,083	301,755	304,413	295,958	268,635	295,092	308,369	300,137	292,677	228,225
Del Norte-Humboldt	2,507	2,298	2,274	2,006	2,108	1,851	---	---	---	1,487	2,093	811
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	391,818	360,426	401,110	379,297	380,376	371,291	347,186	371,874	396,632	381,769	388,566	320,410

TABLE 41. PEDDLER SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1982

(gallons)

Central Coast Counties	902,902	793,503	960,487	914,496	887,235	852,278	839,804	769,624	878,765	855,889	826,902	796,371
Redwood	220,218	221,461	231,765	255,882	265,725	239,841	252,505	318,376	334,367	341,955	320,989	314,256
North Valley	1,265,448	1,149,201	1,320,299	1,259,916	1,316,261	1,177,301	1,345,946	1,305,162	1,425,189	1,375,937	1,380,154	1,289,444
Central Valley	26,362	27,437	27,437	26,726	26,498	27,604	28,632	31,089	---	---	---	---
South Valley	684,953	650,499	761,473	525,628	467,047	452,557	504,908	525,980	618,022	575,645	596,709	536,514
Southern California	2,668,608	2,569,929	2,795,493	2,664,557	2,779,143	2,854,201	2,858,174	2,962,233	3,241,199	3,185,242	3,301,609	3,266,227
Del Norte-Humboldt	83,343	82,226	89,801	88,867	75,189	81,474	92,096	93,864	91,115	89,755	87,955	80,641
Out of Area	23,687	23,631	26,047	30,839	29,726	27,718	32,657	28,669	29,700	27,814	26,382	24,719
STATE TOTALS	5,875,521	5,517,887	6,212,802	5,766,911	5,846,824	5,712,974	5,954,722	6,034,997	6,618,357	6,452,237	6,540,700	6,308,202

MANUFACTURE OF DAIRY PRODUCTS

Approximately 202.7 million pounds of butter were manufactured in California during 1982. This was 5.4 percent more than 1981 and 80.4 percent more than the amount produced 10 years earlier in 1972.

The total manufacture of cheese, other than cottage cheese, in California during 1982 was approximately 250.2 million pounds. This production was 18.8 percent more than in 1981 and almost 10 times the amount produced 10 years earlier. Of the cheese manufactured in 1982 approximately 138.1 million pounds were whole-milk varieties and 112.2 million pounds were part-skim and full-skim varieties. Between 1981 and 1982, the manufacture of whole-milk cheese increased 28.8 percent and the manufacture of part-skim and full-skim cheese rose 8.4 percent. Table 46 presents the annual manufacture of cheese in California by major varieties for 1972 through 1982.

During 1982, approximately 88.1 million pounds of dry curd cottage cheese were manufactured in California. The addition of creaming mixtures to this curd resulted in an output of 85.3 million pounds of cottage cheese and 49.3 million pounds of lowfat cottage cheese. The approximate combined total of 134.6 million pounds manufactured represents cottage cheese in the form in which most of it is consumed. Between 1981 and 1982, the manufacture of cottage cheese and lowfat cottage cheese combined decreased approximately 5.9 percent. The manufacture of lowfat cottage cheese decreased 3.9 percent while the manufacture of cottage cheese decreased 7.0 percent.

During 1982 approximately 145.1 million pounds of bulk unsweetened condensed skim milk were manufactured. This was 18.0 percent more than was manufactured during 1981.

During 1982 approximately 279.6 million pounds of nonfat-dry-milk for human consumption and 1.9 million pounds of nonfat-dry-milk for animal feed were manufactured in California. This was an increase of 6.2 percent from 1981 for nonfat-dry-milk for human consumption and a decrease of 2.7 percent for nonfat-dry-milk for animal feed.

Approximately 9.7 million gallons of fluid buttermilk were manufactured in California during 1982. This was 8.0 percent less than the output during 1981.

The manufacture of frozen dairy products in California during 1982 included approximately 95.2 million gallons of ice cream; 27.7 million gallons of ice milk; 4.7 million gallons of sherbet; 0.6 million gallons of imitation ice cream; and 0.5 million gallons of imitation ice milk. The approximate total of 128.9 million gallons was 0.3 percent less than that manufactured during 1981. The above figures do not include approximately 3.2 million gallons of frozen yogurt manufactured in California in 1982. From 1981 to 1982 the manufacture of ice cream rose 1.1 percent. During the same period the manufacture of ice milk decreased 2.3 percent, the manufacture of sherbet decreased 4.1 percent, the manufacture of imitation ice cream dropped 36.3 percent, and the manufacture of imitation ice milk was down 31.8 percent.

TABLE 42. MANUFACTURE OF BUTTER IN CALIFORNIA BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	9,386,274	10,747,814	10,962,167	12,592,617	13,936,278	14,651,221	16,389,834	13,706,153	17,472,840	18,269,455	20,171,690
February	8,601,168	9,148,061	9,989,288	11,202,981	12,275,942	12,123,977	13,686,543	11,204,275	14,368,038	15,261,939	17,724,011
March	9,210,063	9,896,787	10,151,825	11,694,039	13,381,540	14,640,591	13,185,028	10,475,405	15,021,046	17,293,307	19,363,903
April	9,400,225	9,089,760	11,072,643	12,346,089	12,676,329	12,989,137	11,994,616	12,368,969	15,708,064	16,438,185	18,841,361
May	10,208,949	9,311,851	11,202,095	12,152,798	13,157,264	14,192,474	11,799,244	12,422,328	16,267,872	16,086,130	17,107,921
June	10,239,096	9,261,617	10,944,203	10,661,744	12,762,151	13,486,607	10,409,551	11,563,892	14,940,750	14,212,188	15,287,300
July	9,933,906	9,037,054	11,306,455	11,825,001	12,262,099	12,721,550	11,522,898	12,035,293	15,712,291	13,882,773	15,696,889
August	9,876,689	8,991,494	10,995,455	11,774,787	12,853,778	12,038,240	10,539,619	12,783,856	14,458,690	14,769,701	14,848,865
September	9,314,115	8,054,716	9,914,230	10,514,034	11,398,496	11,806,168	11,203,995	12,166,567	15,861,546	15,217,859	15,058,144
October	9,226,107	9,537,611	10,197,702	10,564,615	11,857,142	13,231,827	9,629,160	12,738,973	15,906,239	18,197,073	16,634,931
November	8,167,524	8,163,152	8,643,438	9,993,856	9,275,922	11,621,442	8,443,751	12,250,821	13,560,172	15,647,474	15,017,214
December	8,814,959	8,855,105	10,229,583	10,326,667	11,198,867	13,439,129	10,230,387	13,250,536	15,905,969	17,084,388	16,975,480
Total	112,379,075	110,095,022	125,609,084	135,649,228	147,035,808	156,942,363	138,934,626	146,967,068	185,183,517	192,360,472	202,727,709

TABLE 43. MANUFACTURE OF CHEESE IN CALIFORNIA BY MONTHS, 1972-1982 1/

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	1,749,741	2,233,308	4,649,592	6,202,997	7,476,324	8,158,312	10,328,275	10,766,265	14,352,620	17,117,546	17,945,363
February	1,852,245	2,289,013	4,484,033	5,876,912	7,637,086	8,118,298	9,626,606	10,342,118	13,146,565	15,422,383	16,353,797
March	2,169,374	2,899,174	5,033,831	6,665,847	9,044,514	9,878,286	11,967,421	12,547,113	15,308,768	16,529,001	20,126,014
April	2,087,511	3,292,223	5,435,744	6,286,724	9,559,424	9,916,529	10,775,623	11,842,136	14,946,930	17,722,116	19,322,816
May	2,301,725	3,819,122	5,872,282	7,471,913	10,379,926	11,314,658	11,310,657	12,228,238	13,378,250	17,815,483	20,515,583
June	2,271,378	3,874,440	5,432,056	8,217,868	11,023,764	11,029,671	11,456,958	12,025,544	14,002,562	17,536,362	22,269,576
July	2,231,925	4,372,380	5,887,643	9,399,952	10,103,545	11,163,118	11,853,075	12,778,746	14,398,465	18,854,750	22,930,450
August	2,331,216	4,374,188	5,893,822	9,615,096	10,392,298	11,243,315	12,447,630	13,591,125	14,636,988	18,978,505	22,611,395
September	2,254,258	4,142,191	5,635,315	8,455,844	9,128,563	10,723,482	11,894,911	12,093,152	16,334,455	17,900,474	21,554,075
October	2,337,710	4,713,454	6,064,461	8,152,451	8,804,821	10,997,352	11,701,208	13,954,023	16,642,842	17,655,878	22,198,747
November	2,434,166	4,539,707	6,150,569	7,935,092	9,188,693	11,466,235	11,821,115	14,887,518	17,080,435	17,263,035	22,080,994
December	2,582,889	5,038,116	5,886,396	8,544,711	9,374,902	11,767,975	11,773,045	14,747,070	17,232,681	17,880,507	22,349,120
Total	26,604,138	46,587,316	66,425,744	92,875,407	112,113,860	125,777,231	136,956,524	151,803,048	181,461,561	210,676,040	250,257,930

1/ Cottage cheese is excluded.

TABLE 44. MANUFACTURE OF WHOLE-MILK CHEESE IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	828,124	1,005,239	1,560,920	1,511,660	2,042,267	2,294,249	3,103,047	3,294,742	5,793,911	7,405,476	10,219,835
February	851,135	1,029,721	1,486,849	1,377,894	2,059,710	2,481,482	3,040,349	3,441,575	5,332,701	6,861,335	9,381,816
March	1,086,918	1,317,267	1,809,457	1,646,762	2,535,844	3,477,078	4,226,157	4,467,087	6,273,763	7,658,588	9,511,834
April	1,074,269	1,307,023	1,846,736	1,452,349	2,634,464	3,066,458	3,368,812	4,162,377	6,577,656	7,946,504	8,783,492
May	1,082,202	1,495,538	1,924,140	1,813,742	2,388,070	3,435,374	3,898,227	4,100,322	6,988,406	7,940,171	11,875,399
June	1,200,892	1,452,816	1,669,649	2,007,923	2,701,323	3,233,817	3,867,179	4,359,996	7,447,266	8,290,020	12,414,808
July	1,124,210	1,514,552	1,827,988	2,085,959	2,663,221	3,433,669	3,728,329	4,422,971	7,779,555	10,393,659	12,739,109
August	1,260,285	1,724,906	1,936,283	2,033,691	2,715,814	3,314,091	4,015,751	4,559,802	6,785,922	10,685,986	12,512,398
September	1,258,509	1,443,974	1,708,975	1,891,202	2,628,726	3,370,561	3,841,589	4,261,523	7,061,751	10,014,976	12,167,025
October	1,277,908	1,617,688	1,846,738	2,314,405	2,795,602	3,576,313	4,011,264	5,796,295	6,479,511	9,734,609	12,896,818
November	1,218,580	1,800,186	1,953,805	2,161,720	3,128,518	4,274,277	4,335,231	6,730,691	7,141,578	10,296,183	12,853,260
December	1,273,928	1,827,587	1,735,493	2,[illegible]543	3,014,070	4,059,110	3,984,139	6,327,398	7,043,474	10,029,239	12,750,256
Total	13,536,960	17,536,497	21,307,033	22,702,850	31,307,629	40,016,479	45,420,074	55,924,779	80,705,494	107,256,746	138,106,050

TABLE 45. MANUFACTURE OF PART-SKIM AND FULL-SKIM CHEESE IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	921,617	1,228,069	3,088,672	4,691,337	5,434,057	5,864,063	7,225,228	7,471,523	8,558,709	9,712,070	7,725,528
February	1,001,110	1,259,292	2,997,184	4,499,018	5,577,376	5,636,816	6,586,257	6,900,543	7,813,864	8,561,048	6,971,981
March	1,082,456	1,581,907	3,224,374	5,019,085	6,508,670	6,401,208	7,741,264	8,080,026	9,035,005	8,870,413	10,614,180
April	1,013,242	1,985,200	3,589,008	4,834,375	6,924,960	6,850,071	7,406,811	7,679,759	8,369,274	9,775,612	10,539,324
May	1,219,523	2,323,584	3,948,142	5,658,171	7,991,856	7,879,284	7,412,430	8,127,916	6,389,844	9,875,312	8,640,184
June	1,070,486	2,421,624	3,762,407	6,209,945	8,322,441	7,795,854	7,589,779	7,665,548	6,555,296	9,246,342	9,854,768
July	1,107,715	2,857,828	4,059,655	7,313,993	7,440,324	7,729,449	8,124,746	8,355,775	6,857,433	8,461,091	10,191,341
August	1,070,931	2,649,282	3,957,539	7,581,405	7,676,484	7,929,224	8,431,879	9,031,323	7,612,543	8,292,519	10,098,997
September	995,749	2,698,217	3,926,340	6,564,642	6,499,837	7,352,921	8,053,322	7,831,629	9,272,704	7,885,498	9,387,050
October	1,059,802	3,095,766	4,217,723	5,838,046	6,009,219	7,421,039	7,689,944	8,157,728	10,163,331	7,921,269	9,301,929
November	1,215,586	2,739,521	4,196,764	5,823,372	6,060,175	7,191,958	7,485,884	8,156,827	9,938,857	6,966,852	9,227,734
December	1,308,961	3,210,529	4,150,903	6,139,168	6,360,832	7,708,865	7,788,906	8,419,672	10,189,207	7,851,268	9,598,864
Total	13,067,178	28,050,819	45,118,711	70,172,557	80,806,231	85,760,752	91,536,450	95,878,269	100,756,067	103,419,294	112,151,880

TABLE 46. MANUFACTURE OF CHEESE IN CALIFORNIA, BY VARIETIES, 1972-1982 1/

	WHOLE-MILK CHEESE						Part and Full-skim Cheese	Total
	American Cheddar	Monterey	Cream	Italian	Other Varieties	All Varieties	All Varieties	
				(pounds)				
1972	456,661	3,192,204	2,229,750	6,095,470	1,562,875	13,536,960	13,067,178	26,604,138
1973	932,836	4,170,950	3,009,665	7,716,990	1,706,056	17,536,497	28,050,819	45,587,316
1974	1,217,078	4,185,017	3,698,368	10,669,735	1,536,835	21,307,033	45,118,711	66,425,744
1975	1,044,126	4,390,338	4,728,098	10,957,821	1,582,467	22,702,850	70,172,557	92,875,407
1976	2,229,402	6,255,894	6,121,087	15,037,311	1,663,935	31,307,629	80,806,231	112,113,860
1977	4,907,528	7,428,076	8,602,083	17,848,167	1,230,625	40,016,479	85,760,752	125,777,231
1978	6,104,926	9,240,999	9,489,692	19,430,775	1,153,682	45,420,074	91,536,450	136,956,524
1979	12,608,285	10,892,975	9,718,490	21,449,818	1,255,231	55,924,799	95,878,269	151,803,068
1980	36,421,283	11,284,408	7,170,170	24,402,956	1,426,677	80,705,494	100,756,067	181,461,561
1981	57,137,034	13,806,456	8,564,955	26,354,122	1,394,179	107,256,746	103,419,294	210,676,040
1982	78,720,707	19,023,143	10,811,407	28,163,450	1,387,343	138,106,050	112,151,880	250,257,930

1/ Cottage cheese is excluded.

TABLE 47. MANUFACTURE OF DRY CURD COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	9,523,517	9,848,332	9,647,590	8,772,633	8,784,816	8,821,369	8,555,193	8,553,584	8,388,650	8,316,490	7,435,377
February	9,167,890	9,249,555	8,979,980	8,311,003	8,198,303	8,086,778	8,048,785	7,692,518	8,100,555	7,564,786	6,955,977
March	10,419,029	10,511,685	9,880,725	8,769,151	9,343,707	9,207,129	9,127,474	9,124,044	8,786,304	8,423,881	8,102,337
April	9,521,865	10,157,696	9,290,489	8,466,937	8,838,416	8,840,526	8,766,513	8,407,773	8,650,741	8,486,280	7,623,330
May	10,221,717	10,480,321	9,639,003	9,424,678	9,691,827	9,247,397	9,521,989	9,175,161	8,742,730	9,102,668	8,026,146
June	9,494,136	10,016,360	9,318,624	9,065,336	9,290,274	9,141,362	8,960,525	8,682,715	8,494,076	9,119,751	7,630,116
July	9,601,450	10,048,587	9,546,019	8,852,506	9,427,987	8,908,293	8,498,589	8,550,961	9,016,215	8,997,098	7,651,955
August	9,911,099	9,722,168	9,368,456	8,650,326	9,076,138	9,170,486	9,048,073	8,962,626	8,932,936	8,444,538	7,662,961
September	9,266,463	8,980,985	9,107,393	8,502,292	9,050,109	8,815,959	8,750,809	8,637,639	8,224,678	7,864,806	7,362,107
October	9,354,201	9,625,066	9,276,813	8,788,308	8,985,906	8,744,202	9,122,082	8,761,860	8,449,034	7,413,406	7,282,424
November	8,588,815	8,631,898	8,301,323	7,895,481	8,467,297	8,172,446	7,892,489	7,344,452	7,823,489	7,117,964	6,340,007
December	8,233,902	8,190,118	7,800,942	7,593,574	7,442,166	7,683,556	7,164,394	7,528,050	7,279,978	6,624,347	5,997,343
Total	113,304,084	115,462,771	110,157,357	103,092,225	106,596,946	104,839,503	103,456,915	101,421,383	100,889,386	97,476,015	88,070,080

TABLE 48. MANUFACTURE OF LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1972-1982 1/

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	3,002,448	3,752,615	3,652,816	3,470,980	3,616,842	3,600,474	3,764,804	3,843,544	4,061,641	4,209,653	4,006,481
February	3,088,873	3,427,589	3,374,184	3,084,193	3,430,932	3,345,070	3,488,713	3,495,923	3,883,595	3,878,860	3,861,500
March	3,621,186	3,834,360	3,649,387	3,455,308	3,888,849	3,768,905	4,096,729	4,135,972	4,180,645	4,402,320	4,518,937
April	3,208,813	3,803,646	3,400,144	3,498,758	3,619,523	3,626,851	3,903,565	3,936,209	4,286,549	4,475,300	4,324,553
May	3,572,752	3,919,410	3,621,149	3,954,872	3,919,527	3,899,727	4,361,463	4,411,876	4,338,204	4,929,638	4,439,553
June	3,392,189	3,691,540	3,387,994	3,698,119	3,794,034	3,608,846	4,003,132	3,976,245	4,332,653	4,749,096	4,161,630
July	3,355,660	3,517,043	3,474,205	3,681,714	3,792,626	3,399,140	3,692,613	3,996,987	4,646,651	4,675,398	4,415,952
August	3,527,609	3,592,990	3,416,813	3,407,600	3,633,665	3,749,424	3,897,303	4,100,634	4,391,793	4,272,917	4,293,888
September	3,232,254	3,282,688	3,284,650	3,440,069	3,658,316	3,695,580	3,817,076	3,950,592	4,145,787	4,209,363	4,138,996
October	3,351,793	3,525,453	3,400,493	3,554,722	3,577,577	3,651,488	3,945,632	4,084,960	4,314,793	4,065,081	4,067,088
November	2,950,597	3,181,226	3,009,683	3,138,655	3,376,688	3,565,145	3,520,483	3,473,883	3,762,716	3,857,898	3,658,666
December	2,683,551	2,849,687	2,824,548	3,062,314	3,043,142	3,262,509	3,155,652	3,382,094	3,535,297	3,578,737	3,408,023
Total	38,987,725	42,378,249	40,496,066	41,447,304	43,351,721	43,173,159	45,647,165	46,788,919	49,880,324	51,304,261	49,295,267

1/ Lowfat cottage cheese is partially creamed.

TABLE 49. MANUFACTURE OF COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	11,421,523	10,804,752	9,745,751	8,956,412	8,310,661	8,681,220	8,298,828	8,444,323	8,223,870	7,665,950	7,239,576
February	10,984,962	9,875,845	8,949,872	7,710,650	8,206,176	8,099,161	7,760,148	7,565,154	7,826,150	7,115,675	6,699,119
March	12,288,952	11,245,319	9,832,001	8,747,378	9,315,200	8,892,550	8,832,732	8,869,190	8,525,449	7,902,243	7,708,171
April	10,931,491	10,980,159	9,196,416	8,669,944	8,868,354	8,609,387	8,437,073	8,380,940	8,342,269	7,830,824	7,205,769
May	11,817,638	11,313,984	9,862,835	9,101,057	10,146,033	9,131,717	9,193,496	8,879,447	8,289,668	8,259,049	7,567,194
June	10,989,934	10,581,870	9,176,694	9,112,443	9,343,647	9,153,393	8,809,945	8,604,792	8,205,420	8,255,515	7,200,281
July	11,049,667	10,389,940	9,306,534	9,050,408	9,356,554	8,993,469	8,496,558	8,718,928	8,548,389	8,220,776	7,257,056
August	11,183,105	9,895,712	9,182,377	8,885,774	9,131,928	9,053,997	8,779,886	8,854,460	8,530,618	7,800,747	7,468,767
September	10,286,780	8,941,931	8,893,337	8,691,062	9,068,372	8,583,848	8,407,266	8,518,996	7,891,790	7,605,910	7,247,078
October	10,540,685	9,851,435	9,076,318	8,629,939	8,967,540	8,580,982	8,969,546	8,595,947	8,200,186	7,341,109	7,227,101
November	9,684,005	8,744,174	8,025,690	7,821,195	8,461,539	8,042,024	7,769,617	7,523,897	7,302,111	7,053,774	6,396,579
December	8,976,748	8,311,238	7,717,472	7,700,769	7,762,676	7,642,962	6,980,292	7,477,502	6,762,964	6,598,175	6,045,935
Total	130,155,490	120,936,359	108,965,297	103,077,031	106,938,680	103,464,710	100,735,387	100,433,576	96,648,884	91,649,747	85,262,626

TABLE 50. MANUFACTURE OF COTTAGE CHEESE AND LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	14,423,971	14,557,367	13,398,567	12,427,392	11,927,503	12,281,694	12,063,632	12,287,867	12,285,511	11,875,603	11,246,057
February	14,073,835	13,303,434	12,324,056	10,794,843	11,637,108	11,444,231	11,248,861	11,061,077	11,709,745	10,994,535	10,560,619
March	15,910,138	15,079,679	13,481,388	12,202,686	13,204,049	12,661,455	12,929,461	13,005,162	12,706,094	12,304,563	12,227,108
April	14,140,304	14,783,805	12,596,560	12,168,702	12,487,877	12,236,238	12,340,638	12,317,149	12,628,818	12,306,124	11,530,322
May	15,390,390	15,233,394	13,483,984	13,055,929	14,065,560	13,031,444	13,554,959	13,291,323	12,627,872	13,188,687	12,006,747
June	14,382,123	14,273,410	12,564,688	12,810,562	13,137,681	12,762,239	12,813,077	12,581,037	12,538,073	13,004,611	11,361,911
July	14,405,327	13,906,985	12,780,739	12,732,122	13,129,180	12,392,609	12,189,171	12,715,915	13,195,040	12,896,174	11,673,008
August	14,710,714	13,488,702	12,599,190	12,293,374	12,765,593	12,803,421	12,677,189	12,955,094	12,922,411	12,073,664	11,762,655
September	13,519,034	12,224,619	12,177,987	12,131,131	12,726,688	12,279,428	12,224,342	12,469,588	12,037,577	11,815,273	11,386,074
October	13,892,478	13,376,888	12,476,811	12,184,661	12,545,117	12,232,470	12,915,179	12,680,907	12,514,979	11,406,190	11,294,189
November	12,634,602	11,925,400	11,035,373	10,959,850	11,838,227	11,607,169	11,290,100	10,997,780	11,064,827	10,911,672	10,055,245
December	11,660,299	11,160,925	10,542,020	10,763,083	10,805,818	10,905,471	10,135,944	10,859,596	10,298,261	10,176,912	9,453,958
Total	169,143,215	163,314,608	149,461,363	144,524,335	150,290,401	146,637,869	146,382,552	147,222,495	146,529,208	142,954,008	134,557,893

TABLE 51. MANUFACTURE OF UNSWEETENED CONDENSED SKIM MILK IN CALIFORNIA, BY MONTHS, 1972-1982 1/

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	7,915,813	10,433,802	9,618,695	9,165,078	8,081,236	9,791,654	9,268,658	8,584,679	9,476,052	9,868,071	9,208,647
February	7,397,041	10,594,210	8,811,569	7,626,459	8,201,451	8,328,236	7,214,443	7,120,651	9,711,197	9,459,283	8,319,233
March	9,100,013	12,483,369	9,978,255	10,450,273	9,840,149	11,011,688	8,853,721	8,760,017	10,154,329	9,388,627	11,687,943
April	10,431,371	13,233,224	10,940,951	10,763,924	10,614,597	11,642,026	8,659,040	8,655,491	10,989,971	10,700,235	11,045,774
May	12,357,413	12,853,921	11,089,064	11,468,445	11,850,413	11,066,750	9,058,303	9,639,221	11,671,242	9,812,147	16,154,701
June	12,443,048	12,474,890	11,595,566	14,741,690	12,855,870	12,452,324	10,009,188	9,246,262	12,146,707	10,418,619	15,524,990
July	12,481,597	12,874,086	13,153,165	13,026,091	12,124,769	12,143,686	9,853,672	11,642,227	12,311,181	11,349,757	10,831,618
August	13,439,715	11,706,891	11,506,969	11,359,065	14,263,072	12,014,477	10,103,618	11,964,264	12,401,967	10,236,911	14,143,380
September	10,941,279	10,464,241	8,413,245	10,234,208	11,613,428	10,573,345	8,857,169	9,834,736	11,008,721	9,523,691	13,029,751
October	11,462,009	9,611,800	8,993,785	10,438,376	9,015,675	10,347,985	9,863,190	11,297,223	10,517,682	10,294,324	12,724,473
November	11,353,342	9,693,914	8,225,159	9,021,033	10,299,855	10,199,332	9,065,406	9,362,524	10,300,488	10,949,862	11,120,135
December	9,171,099	6,768,616	11,234,731	9,159,881	9,641,787	12,511,926	8,692,871	10,396,026	10,345,447	10,981,930	11,308,766
Total	128,493,740	133,192,964	123,561,154	127,454,523	128,402,302	132,083,429	109,499,279	116,503,321	131,034,984	122,983,457	145,099,411

1/ Bulk goods.

TABLE 52. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR HUMAN CONSUMPTION, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	7,514,867	9,253,676	7,475,740	9,035,862	10,791,036	10,569,350	12,884,450	8,962,224	15,454,077	18,455,445	22,994,664
February	9,139,125	8,797,675	7,804,479	9,503,929	10,851,296	11,593,076	11,016,653	8,304,622	14,475,250	17,534,087	21,590,016
March	11,828,670	10,037,828	9,830,353	10,833,292	12,610,301	13,315,478	11,648,330	11,524,576	16,033,128	21,114,324	24,702,566
April	14,106,455	11,792,706	12,958,129	13,377,070	15,492,510	16,561,669	13,698,670	15,928,614	20,152,911	22,446,860	23,931,326
May	16,449,046	14,205,994	15,253,087	16,079,604	16,455,018	17,671,645	14,977,989	18,559,318	24,481,766	23,613,380	25,796,772
June	15,945,164	13,915,579	15,662,440	15,802,979	16,401,921	18,549,932	16,111,259	19,938,666	24,520,792	22,519,106	24,420,992
July	16,401,591	14,308,799	15,688,877	15,877,147	17,257,017	19,682,565	18,201,082	20,903,488	25,803,776	23,801,328	25,471,509
August	15,894,999	13,101,637	14,994,998	14,624,309	16,156,848	17,252,583	15,872,671	20,696,740	23,783,065	23,490,570	24,560,029
September	12,840,832	10,053,913	10,693,257	10,831,815	11,865,423	14,203,492	12,268,126	17,022,984	20,647,326	21,878,667	21,893,654
October	11,178,006	8,527,775	9,519,112	10,589,187	11,166,815	14,205,928	10,186,067	16,358,759	19,929,656	23,815,803	22,116,181
November	9,151,584	8,159,914	7,820,894	9,459,471	10,278,288	12,279,436	9,446,170	15,056,120	17,652,461	21,334,319	20,008,441
December	9,026,679	9,097,916	9,718,696	10,869,052	11,869,999	13,979,498	10,586,351	15,189,768	19,682,429	23,271,639	22,111,699
Total	149,477,018	131,253,412	137,420,062	146,883,717	161,196,472	179,864,652	156,897,818	188,445,879	242,616,637	263,275,528	279,597,849

TABLE 53. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR ANIMAL FEED, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(pounds)					
January	91,443	59,551	59,167	65,507	66,638	58,617	85,559	58,359	86,577	134,919	137,936
February	78,103	53,738	45,809	63,984	57,275	68,169	91,792	56,539	100,878	94,365	119,782
March	107,829	67,881	64,327	78,300	53,911	76,625	89,570	64,650	133,266	154,188	135,077
April	157,148	66,718	98,672	90,718	105,228	90,662	90,652	86,380	99,863	126,439	192,902
May	223,162	82,652	77,119	108,030	202,646	112,930	101,778	118,655	133,522	148,126	235,174
June	237,991	89,295	107,751	144,855	82,613	115,699	98,670	106,576	155,472	180,054	233,343
July	228,352	106,926	152,679	156,867	111,120	139,194	145,775	150,033	154,648	210,961	172,949
August	203,874	89,306	205,000	139,450	112,797	134,706	96,819	152,431	132,554	138,140	190,686
September	115,584	74,914	70,679	109,324	98,043	114,654	88,036	107,556	183,154	186,125	186,563
October	121,217	58,896	68,118	62,264	98,943	115,868	78,788	120,645	137,595	167,370	105,243
November	84,593	66,960	45,694	47,761	61,746	74,969	83,432	96,416	127,027	174,985	95,564
December	83,386	65,157	50,423	66,002	53,746	84,598	85,563	108,413	143,926	268,310	125,667
Total	1,732,682	881,994	1,045,438	1,133,062	1,104,706	1,186,691	1,136,434	1,226,653	1,588,482	1,983,982	1,930,886

TABLE 54. MANUFACTURE OF BUTTERMILK IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(gallons)					
January	1,216,522	1,186,714	1,103,970	1,057,685	1,098,310	1,058,880	1,003,433	973,150	903,952	873,549	781,913
February	1,178,554	1,080,961	993,593	947,666	1,008,481	1,003,158	936,289	898,208	858,367	825,838	759,541
March	1,299,343	1,209,182	1,109,433	1,044,636	1,137,617	1,112,213	1,093,092	984,272	893,810	933,728	870,579
April	1,186,194	1,186,138	1,083,728	1,052,797	1,086,856	1,071,905	1,017,698	932,276	907,591	909,652	816,974
May	1,273,563	1,250,130	1,119,802	1,071,447	1,164,337	1,067,906	1,090,987	993,324	898,227	895,733	840,898
June	1,263,255	1,265,394	1,091,171	1,076,348	1,169,243	1,065,695	1,056,935	943,424	917,105	928,336	816,702
July	1,328,418	1,302,071	1,188,935	1,162,300	1,197,635	1,087,746	1,053,947	957,338	918,719	947,983	819,431
August	1,478,306	1,314,027	1,148,991	1,098,679	1,154,832	1,153,955	1,058,664	1,007,482	942,759	877,717	841,283
September	1,322,137	1,198,744	1,116,283	1,101,379	1,147,950	1,068,665	985,881	963,164	894,562	894,058	803,430
October	1,250,040	1,258,516	1,098,458	1,108,217	1,113,128	1,050,839	1,034,174	937,489	917,431	829,179	797,110
November	1,168,316	1,106,590	1,004,158	1,035,481	1,096,622	1,019,174	944,796	868,360	855,771	840,167	788,075
December	1,125,099	1,047,438	1,007,397	1,037,062	1,132,502	991,425	892,031	882,432	868,261	821,168	788,984
Total	15,089,747	14,405,905	13,065,919	12,793,697	13,507,513	12,751,561	12,167,927	11,340,919	10,776,555	10,577,108	9,724,920

TABLE 55. MANUFACTURE OF ICE CREAM IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(gallons)					
January	5,149,596	5,553,694	5,919,195	6,124,862	6,191,071	5,907,774	5,835,485	6,350,980	6,247,041	6,205,235	6,369,178
February	5,600,452	5,283,098	5,510,428	5,693,346	6,135,084	5,944,672	5,926,463	6,307,557	6,983,138	6,603,166	6,598,596
March	6,967,045	6,161,154	6,568,808	6,639,206	7,532,902	7,799,978	7,828,013	7,712,701	7,770,253	7,897,802	8,521,556
April	5,863,861	5,988,355	6,557,482	6,703,270	7,026,875	7,308,319	7,151,847	7,345,798	7,669,571	7,622,194	7,856,208
May	6,776,940	6,603,248	6,683,655	7,365,981	7,352,618	7,065,941	8,044,078	8,075,767	7,759,459	7,996,749	8,341,210
June	7,337,319	7,247,101	7,481,036	8,556,406	8,414,576	8,216,024	9,190,663	8,743,310	8,475,633	9,638,159	9,533,305
July	7,178,640	7,501,585	8,357,363	8,773,057	9,098,317	8,060,791	8,506,610	8,642,687	9,482,641	10,381,126	9,417,652
August	7,755,766	7,043,305	8,124,573	8,028,080	8,397,903	8,755,703	9,151,216	9,285,620	9,314,616	9,070,995	9,674,414
September	6,418,965	6,339,068	7,125,017	7,506,902	7,503,049	7,508,619	6,945,402	7,356,422	7,449,444	8,319,800	8,794,146
October	5,695,219	6,312,827	6,768,115	7,405,795	6,429,161	6,556,530	7,713,146	8,009,799	7,708,245	7,207,262	7,241,206
November	5,258,530	5,436,058	5,640,085	5,658,715	6,661,622	6,539,043	6,655,471	6,121,780	5,712,745	6,527,797	6,769,825
December	4,647,021	4,532,867	5,529,014	6,275,272	6,057,021	5,706,187	5,282,815	5,156,936	6,140,630	6,709,143	6,121,166
Total	74,649,354	74,002,360	80,264,771	84,730,892	86,800,199	85,369,581	88,231,209	89,109,357	90,713,416	94,179,428	95,238,462

TABLE 56. MANUFACTURE OF ICE MILK IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(gallons)					
January	1,785,068	1,934,187	2,235,050	1,899,744	1,900,399	1,713,423	1,782,391	1,877,067	1,872,419	1,881,620	1,809,087
February	2,012,122	1,855,842	1,937,291	1,866,529	1,824,942	1,869,612	2,012,162	1,904,318	2,001,004	1,981,683	1,952,525
March	2,512,950	2,327,313	2,270,860	2,351,827	2,512,319	2,521,498	2,469,702	2,425,873	2,346,037	2,283,809	2,328,022
April	2,338,567	2,425,483	2,437,799	2,297,546	2,264,591	2,334,809	2,322,322	2,301,330	2,335,254	2,551,102	2,378,287
May	2,795,997	2,630,683	2,709,705	2,775,099	2,534,664	2,503,741	2,933,525	2,629,670	2,552,836	2,527,268	2,571,628
June	2,914,962	2,906,770	2,719,560	2,903,342	2,615,247	2,856,664	2,958,212	2,740,882	2,622,433	2,977,307	2,660,004
July	2,996,478	2,826,442	3,037,060	3,142,004	2,669,884	2,738,493	2,770,006	2,788,345	2,936,872	2,960,275	2,787,994
August	3,020,480	2,849,978	2,959,873	2,863,496	2,469,495	2,926,940	3,008,282	2,802,117	2,843,620	2,595,438	2,831,783
September	2,534,322	2,361,769	2,537,053	2,596,843	2,312,986	2,568,294	2,383,569	2,509,214	2,708,163	2,486,816	2,452,936
October	2,206,580	2,349,299	2,446,155	2,466,981	2,194,081	2,311,192	2,509,024	2,496,452	2,488,298	2,173,617	2,267,901
November	1,913,181	1,955,866	1,851,859	2,020,465	2,049,072	1,972,672	2,119,654	2,119,034	1,899,994	1,915,522	1,928,209
December	1,762,263	1,675,699	1,682,336	2,024,371	1,868,762	1,799,371	1,733,465	1,822,970	2,149,025	2,042,557	1,761,571
Total	28,792,970	28,099,331	28,824,601	29,208,247	27,216,442	28,116,709	29,002,314	28,417,272	28,755,955	28,377,014	27,729,947

TABLE 57. MANUFACTURE OF SHERBET IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(gallons)					
January	398,279	422,739	460,598	425,339	397,052	411,666	349,157	383,318	364,749	311,770	347,199
February	405,331	406,516	401,815	330,019	437,252	386,777	313,724	329,255	336,516	349,817	293,585
March	592,240	479,159	455,098	455,128	533,318	500,613	462,368	456,522	385,572	401,241	412,352
April	476,431	484,435	531,311	473,018	517,125	440,192	404,669	381,212	451,686	376,517	397,404
May	558,822	581,688	531,205	521,658	517,225	519,196	523,444	489,162	437,732	447,270	443,050
June	626,591	625,895	677,441	610,483	772,432	583,643	614,240	593,302	438,194	552,303	483,359
July	600,555	725,906	673,779	610,724	764,628	603,670	520,876	549,096	609,372	674,031	462,494
August	674,843	558,509	692,469	561,021	578,995	681,118	532,562	546,676	553,245	459,737	534,173
September	539,864	492,581	537,475	535,232	568,992	486,265	392,661	422,243	367,276	464,936	467,853
October	447,838	456,270	466,134	493,205	423,015	382,210	497,272	465,705	416,086	328,654	320,424
November	374,659	387,248	371,711	331,810	435,332	387,815	355,030	329,777	289,340	260,100	297,396
December	369,040	301,871	366,655	433,046	388,799	327,574	265,793	241,448	365,870	325,359	287,516
Total	6,064,493	5,922,817	6,165,691	5,780,683	6,334,165	5,710,739	5,231,796	5,187,716	5,015,638	4,951,735	4,746,805

TABLE 58. MANUFACTURE OF IMITATION ICE CREAM IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
					(gallons)						
January	342,282	354,835	408,884	293,282	249,537	150,771	121,878	139,716	85,887	84,991	58,338
February	381,786	369,038	262,923	285,796	162,877	174,302	126,241	150,493	106,940	86,492	30,615
March	477,741	373,723	362,921	325,666	256,568	254,513	240,834	133,490	97,292	73,033	59,355
April	371,901	402,712	322,659	305,123	239,729	176,495	156,639	164,277	110,595	86,510	47,529
May	455,292	396,372	403,584	340,165	227,232	186,689	154,087	104,239	114,103	110,514	71,898
June	474,744	475,746	363,568	368,366	275,470	272,884	242,583	188,805	126,704	117,851	47,559
July	454,594	459,508	439,315	357,915	253,746	207,376	174,659	96,434	168,979	107,032	69,747
August	494,549	429,799	347,062	318,161	264,110	204,210	184,196	190,040	151,736	64,801	56,659
September	389,109	414,832	367,995	266,335	201,506	189,742	151,380	148,208	67,301	66,757	66,107
October	352,554	370,702	299,828	300,440	244,140	133,273	151,063	105,293	140,496	81,076	60,716
November	308,732	312,421	252,737	191,501	149,111	132,109	119,974	90,353	57,453	53,795	30,287
December	245,748	238,234	197,374	219,464	131,559	122,254	99,518	55,875	78,515	29,506	14,136
Total	4,749,032	4,597,922	4,028,850	3,572,214	2,655,585	2,204,618	1,923,052	1,567,223	1,306,001	962,358	612,946

TABLE 59. MANUFACTURE OF IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
					(gallons)						
January	418,624	413,792	325,270	235,128	175,776	120,086	77,208	94,091	57,320	50,508	27,760
February	451,615	362,007	318,340	267,368	169,570	150,497	111,726	70,614	60,396	75,254	36,135
March	631,062	480,622	384,440	284,481	305,227	200,798	122,171	135,401	82,734	65,790	71,433
April	492,614	418,211	376,679	280,182	296,356	149,576	158,291	92,791	113,594	78,968	64,878
May	620,544	525,297	411,833	308,778	261,889	179,315	144,561	134,940	75,362	69,301	54,879
June	622,753	526,504	429,558	355,000	251,204	176,219	169,502	105,344	105,706	95,035	56,758
July	611,382	530,275	426,222	331,111	289,209	190,826	141,430	125,292	106,439	94,074	56,279
August	732,554	515,641	427,599	298,634	232,217	211,782	145,842	109,214	105,737	71,097	41,278
September	528,262	390,475	370,816	289,092	193,613	159,909	132,860	77,619	80,342	61,626	43,527
October	429,398	396,854	330,463	206,551	154,566	107,156	126,571	105,029	70,986	52,600	30,088
November	384,069	345,138	266,217	173,934	153,307	120,752	92,476	60,237	54,087	44,893	34,339
December	298,761	256,232	198,555	144,081	119,128	105,707	75,157	49,762	46,511	22,790	15,546
Total	6,221,638	5,161,048	4,265,992	3,174,340	2,602,062	1,872,623	1,497,795	1,160,334	959,214	781,936	532,900

TABLE 60. MANUFACTURE OF IMITATION ICE CREAM AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(gallons)					
January	760,906	768,627	734,154	528,410	425,313	270,857	199,086	233,807	143,207	135,499	86,098
February	833,401	731,045	581,263	553,164	332,447	324,799	237,967	221,107	167,336	161,746	66,750
March	1,108,803	854,345	747,361	610,147	561,795	455,311	363,005	268,891	180,026	138,823	130,788
April	864,515	820,923	699,338	585,305	536,085	326,071	314,930	257,068	224,189	165,478	112,407
May	1,075,836	921,669	815,417	648,943	489,121	366,004	298,648	239,179	189,465	179,815	126,777
June	1,097,497	1,002,250	793,126	723,366	526,674	449,103	412,085	294,149	232,410	212,886	104,317
July	1,065,976	989,783	865,537	689,026	542,955	398,202	316,089	221,726	275,418	201,106	126,026
August	1,227,103	945,440	774,661	616,795	496,327	415,992	330,038	299,254	257,473	135,898	97,937
September	917,371	805,307	738,811	555,427	395,119	349,651	284,240	225,827	147,643	128,383	109,634
October	781,952	767,556	630,291	506,991	398,706	240,429	277,634	210,322	211,482	133,676	90,804
November	692,801	657,559	518,954	365,435	302,418	252,861	212,450	150,590	111,540	98,688	64,626
December	544,509	494,466	395,929	363,545	250,687	227,961	174,675	105,637	125,026	52,296	29,682
Total	10,970,670	9,758,970	8,294,842	6,746,554	5,257,647	4,077,241	3,420,847	2,727,557	2,265,215	1,744,294	1,145,846

TABLE 61. MANUFACTURE OF ICE CREAM, ICE MILK, SHERBET, IMITATION ICE CREAM, AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1972-1982

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						(gallons)					
January	8,093,849	8,679,247	9,348,997	8,978,355	8,913,835	8,303,720	8,166,119	8,845,172	8,627,416	8,534,125	8,611,562
February	8,851,306	8,276,501	8,430,797	8,443,058	8,729,725	8,525,860	8,490,316	8,762,237	9,487,994	9,096,412	8,911,456
March	11,181,038	9,821,971	10,042,127	10,056,308	11,140,334	11,277,400	11,123,088	10,863,987	10,681,888	10,721,675	11,392,718
April	9,543,374	9,719,196	10,225,930	10,059,139	10,344,676	10,409,391	10,193,768	10,285,408	10,680,700	10,715,291	10,744,306
May	11,207,595	10,737,288	10,739,982	11,311,681	10,893,628	10,454,882	11,799,695	11,433,778	10,939,492	11,151,102	11,482,665
June	11,976,369	11,782,016	11,671,163	12,793,597	12,328,929	12,105,434	13,175,200	12,371,643	11,768,670	13,380,655	12,780,985
July	11,841,649	12,043,716	12,933,739	13,214,811	13,075,784	11,801,156	12,113,581	12,201,854	13,304,303	14,216,538	12,794,166
August	12,678,192	11,397,232	12,551,576	12,069,392	11,942,720	12,779,753	13,022,098	12,933,667	12,968,954	12,262,068	13,138,307
September	10,410,522	9,998,725	10,938,356	11,194,404	10,780,146	10,912,829	10,005,872	10,513,706	10,672,526	11,399,935	11,824,569
October	9,131,589	9,885,952	10,310,695	10,872,972	9,444,963	9,490,361	10,997,076	11,182,278	10,824,111	9,843,209	9,920,335
November	8,239,171	8,436,731	8,382,609	8,376,425	9,448,444	9,152,391	9,342,605	8,721,181	8,013,619	8,802,107	9,060,056
December	7,322,833	7,004,903	7,973,934	9,096,234	8,565,269	8,061,093	7,456,748	7,326,991	8,780,551	9,129,355	8,199,935
Total	120,477,487	117,783,478	123,549,905	126,466,376	125,608,453	123,274,270	125,886,166	125,441,902	126,750,224	129,252,472	128,861,060

CONSUMPTION AND MANUFACTURE PER CAPITA OF DAIRY PRODUCTS

The population of California on July 1, 1982, was estimated by the California Department of Finance to be 24,724,000. This represented an increase of 528 thousand persons or approximately 2.2 percent from the same date a year earlier.

Although no data are collected which directly relate to the consumption of dairy products in California, the quantities of some dairy products either sold or manufactured in California represent reasonably well the quantities consumed in the State. These are products which for the most part are neither imported nor exported in significant amounts and which are not storable for any extended period of time. Products that have these characteristics and for which sales data are available are: fluid milk, fluid skim milk, half-and-half, yogurt, and miscellaneous Class 1 products. The quantities of manufactured products produced in this State which may be assumed to represent those consumed here, are limited to cottage cheese, buttermilk, and frozen products.

The sales of various dairy products and the manufacture of selected manufactured dairy products are expressed in either quarts per capita or pounds per capita in Table 62. Population figures used are those shown in the first column of the Table.

Per capita sales of all Class 1 dairy products in California during 1982 amounted to 114.43 quarts. These 114.43 quarts included: 103.62 quarts of fluid milk, 6.86 quarts of skim milk, 1.57 quarts of half-and-half, and 2.37 quarts of yogurt and miscellaneous Class 1 products. Valid comparisons of the per capita sales of these items for 1974 and later cannot be made with data for 1973 and earlier due to product reclassifications and changes in reporting procedures. For example, fluid creams are no longer Class 1 products while yogurt is a Class 1 product. Flavored dairy drinks are now included with either fluid milk or fluid skim milk, depending on the fat content.

In 1982 manufacture per capita of creamed and lowfat cottage cheese in California totaled 5.44 pounds, a decrease of 8.0 percent from 1981. Creamed cottage cheese accounted for 3.45 pounds per capita, and lowfat cottage cheese accounted for 1.99 pounds per capita. Between 1981 and 1982, the manufacture per capita of creamed cottage cheese decreased 9.0 percent and the manufacture per capita of lowfat cottage cheese decreased 6.1 percent.

During 1982, the manufacture per capita of buttermilk in California amounted to 1.57 quarts. This was 10.3 percent less than the manufacture per capita during 1981.

Manufacture per capita of all frozen products in California during 1982 totaled 20.85 quarts, a decrease from 1981 of 2.4 percent. The manufacture per capita of all frozen products included 15.41 quarts of ice cream, 4.49 quarts of ice milk, 0.77 quarts of sherbet, 0.10 quarts of imitation ice cream, and 0.09 quarts of imitation ice milk. Between 1981 and 1982 the manufacture per capita of the various frozen dairy products showed the following percentage decreases: ice cream 1.0, ice milk 4.3, sherbet 6.1, imitation ice cream 37.5, and imitation ice milk 30.8.

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1965-1982

		Class 1 Product Sales per Capita							
Year	Estimated July 1 Population (Thousands)	Total	Fluid Milk	Fluid Skim Milk	Flavored Dairy Drink	Half-and-Half	Yogurt and Misc.	Fluid Cream Sour	Fluid Cream Other
		(Quarts)							
1965	18,490	133.99	120.65	7.16	2.39	2.81	Not	0.62	0.36
1966	18,850	134.80	121.98	7.05	2.13	2.64	Included	0.66	0.34
1967	19,232	131.88	119.40	7.07	2.00	2.44	in	0.65	0.32
1968	19,511	129.72	117.19	7.21	2.10	2.28	Total	0.68	0.26
1969	19,817	126.87	114.78	7.05	2.09	2.10	Class 1	0.68	0.17
1970	20,039	125.32	113.54	6.89	2.07	1.94	Products	0.71	0.17
1971	20,346	123.60	111.99	7.12	1.94	1.66	Until	0.71	0.18
1972	20,585	127.60	115.44	7.72	1.99	1.57	1974	0.70	0.17
1973	20,868	127.49	115.20	7.96	1.88	1.56		0.72	0.16
1974	21,173	126.10	113.62	8.24	1/	1.55	2.68	3/	
1975	21,537	126.07	113.17	8.59		1.52	2.78		
1976	21,935	127.91	115.67	8.49		1.55	2.21 2/		
1977	22,350	127.85	115.62	8.47		1.54	2.21		
1978	22,839	126.50	114.68	8.07		1.59	2.16		
1979	23,255	125.86	114.00	7.75		1.61	2.50		
1980	23,769	122.08	110.27	7.52		1.58	2.71		
1981	24,196	118.98	107.62	7.30		1.60	2.46		
1982	24,724	114.43	103.62	6.86		1.57	2.37		

CONTINUED

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1965-1982 - CONTINUED

Manufacture per Capita

Year	Cottage Cheese			Fluid Buttermilk	Frozen Products					
	Total	Creamed	Lowfat		Total	Ice Cream	Ice Milk	Sherbet	Imitation Ice Cream	Imitation Ice Milk
	(Pounds)			(Quarts)	(Quarts)					
1965	7.34	6.41	0.93	3.25	24.52	14.46	5.47	1.21	1.28	2.10
1966	7.14	6.20	0.94	3.13	24.69	14.38	5.77	1.24	1.12	2.18
1967	7.14	6.13	1.01	2.97	24.23	14.07	5.61	1.20	1.13	2.22
1968	7.25	6.18	1.07	2.83	24.47	14.31	5.73	1.25	1.16	2.02
1969	7.85	6.29	1.26	2.86	24.07	14.14	5.80	1.23	1.13	1.77
1970	8.25	6.77	1.48	2.93	24.00	14.37	5.82	1.20	1.06	1.54
1971	8.32	6.65	1.67	2.96	23.30	14.28	5.58	1.15	1.00	1.29
1972	8.22	6.32	1.89	2.93	23.41	14.50	5.59	1.18	0.92	1.21
1973	7.83	5.80	2.03	2.76	22.58	14.18	5.39	1.14	0.88	0.99
1974	7.06	5.15	1.91	2.47	23.34	15.16	5.44	1.16	0.76	0.80
1975	6.71	4.79	1.92	2.38	23.49	15.74	5.42	1.07	0.66	0.59
1976	6.85	4.88	1.98	2.46	22.90	15.83	4.96	1.16	0.48	0.47
1977	6.56	4.63	1.93	2.28	22.06	15.28	5.03	1.02	0.39	0.34
1978	6.41	4.41	2.00	2.13	22.05	15.45	5.08	0.92	0.34	0.26
1979	6.33	4.32	2.01	1.95	21.58	15.33	4.89	0.89	0.27	0.20
1980	6.16	4.07	2.10	1.81	21.33	15.26	4.84	0.84	0.22	0.16
1981	5.91	3.79	2.12	1.75	21.37	15.57	4.69	0.82	0.16	0.13
1982	5.44	3.45	1.99	1.57	20.85	15.41	4.49	0.77	0.10	0.09

1/ Subsequent to 1973, flavored dairy drink sales have been categorized as either flavored fluid milk or flavored fluid skim milk sales depending on fat content.

2/ Subsequent to 1975, out-of-state yogurt sales have been excluded from Class 1 product sales.

3/ Subsequent to 1973, fluid cream sales have been excluded from Class 1 product sales.

MINIMUM PRICES

As specified in Division 21, Part 3, Chapter 2 of the Food and Agricultural Code of the State of California, the Bureau of Milk Stabilization establishes minimum prices to be paid to producers by handlers for market milk in the various usage classifications for each marketing area in the State.

Commencing August 1, 1978, minimum Class 1 prices were established by means of an economic formula. The factors used in the formula and their respective weights have been as follows: Cost of production, 43%; Class 4 price, 42%; and real net spendable earnings as published by the Employment Development Department for the Los Angeles-Long Beach metropolitan area, 15%. Effective August 1, 1982 the real net spendable earnings factor was permanently replaced by an average weekly earnings factor. This change in the formula was made because of the unavailability of the real net spendable earnings factor. The formula-determined Class 1 prices are calculated bimonthly by the Bureau of Milk Stabilization and are subject to change as a result of hearings.

Minimum class prices in effect during 1982 are shown in Tables 63 through 66.

TABLE 63. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 1 PRODUCTS, BY MARKETING AREAS, 1982

Time Period	Marketing Area	PRODUCER PRICES, F.O.B. PROCESSING PLANT				
		Component Basis			Whole Milk Weighted Average	
		Fat	SNF	Fluid	Basis 1/	Basis 2/
		($/Lb.)			($/Cwt.)	($/Cwt.)
Jan. 1-Jan. 31	Central Valley	1.6288	0.8266	0.0078	13.58	
	Del Norte-Humboldt	1.6338	0.8266	0.0124	14.00	
	Northern California	1.6288	0.8266	0.0096	13.74	13.81
	South Valley	1.6288	0.8266	0.0078	13.58	
	Southern California	1.6338	0.8266	0.0139	14.13	
Feb. 1-Mar. 31	Central Valley	1.6281	0.8264	0.0078	13.57	
	Del Norte-Humboldt	1.6331	0.8264	0.0124	13.99	
	Northern California	1.6281	0.8264	0.0096	13.73	13.80
	South Valley	1.6281	0.8264	0.0078	13.57	
	Southern California	1.6331	0.8264	0.0139	14.12	
Apr. 1-May 31	Central Valley	1.6281	0.8264	0.0078	13.57	
	Del Norte-Humboldt	1.6331	0.8264	0.0124	13.99	
	Northern California	1.6281	0.8264	0.0096	13.73	13.80
	South Valley	1.6281	0.8264	0.0078	13.57	
	Southern California	1.6331	0.8264	0.0139	14.12	
Jun. 1-Jul. 31	Central Valley	1.6281	0.8264	0.0078	13.57	
	Del Norte-Humboldt	1.6331	0.8264	0.0124	13.99	
	Northern California	1.6281	0.8264	0.0096	13.73	13.80
	South Valley	1.6281	0.8264	0.0078	13.57	
	Southern California	1.6331	0.8264	0.0139	14.12	
Aug. 1-Sep. 30	Central Valley	1.6148	0.8004	0.0094	13.44	
	Del Norte-Humboldt	1.6198	0.8004	0.0140	13.86	
	Northern California	1.6148	0.8004	0.0112	13.60	13.62
	South Valley	1.6148	0.8004	0.0094	13.44	
	Southern California	1.6198	0.8004	0.0137	13.84	
Oct. 1-Nov. 31	Central Valley	1.6105	0.7987	0.0094	13.41	
	Del Norte-Humboldt	1.6155	0.7987	0.0140	13.83	
	Northern California	1.6105	0.7987	0.0112	13.57	13.59
	South Valley	1.6105	0.7987	0.0094	13.41	
	Southern California	1.6155	0.7987	0.0137	13.80	
Dec. 1-Dec. 31	Central Valley	1.6108	0.7988	0.0094	13.41	
	Del Norte-Humboldt	1.6158	0.7988	0.0140	13.83	
	Northern California	1.6108	0.7988	0.0112	13.57	13.59
	South Valley	1.6108	0.7988	0.0094	13.41	
	Southern California	1.6158	0.7988	0.0137	13.81	

1/ Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

2/ Calculated for the State as a whole using market milk production in each marketing area for weighting.

TABLE 64. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MILK FAT USED TO PRODUCE CLASS 2, 3, AND 4 PRODUCTS, BY MARKETING AREAS, 1982

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	1.7057	1.7057	1.7057	1.7057	1.6817	1.6817	1.6817	1.6817	1.6817	1.6817	1.6817	1.6817
Del Norte-Humboldt	2	1.6764	1.6764	1.6764	1.6764	1.6524	1.6524	1.6524	1.6524	1.6524	1.6524	1.6524	1.6524
Northern California, South and Central Valley	2	1.7034	1.7034	1.7034	1.7034	1.6794	1.6794	1.6794	1.6794	1.6794	1.6794	1.6794	1.6794
Southern California	3	1.7057	1.7057	1.7057	1.7057	1.6817	1.6817	1.6817	1.6817	1.6817	1.6817	1.6817	1.6817
Del Norte-Humboldt	3	1.6764	1.6764	1.6764	1.6764	1.6524	1.6524	1.6524	1.6524	1.6524	1.6524	1.6524	1.6524
Northern California, South and Central Valley	3	1.7034	1.7034	1.7034	1.7034	1.6794	1.6794	1.6794	1.6794	1.6794	1.6794	1.6794	1.6794
All Areas	4 1/	1.6764	1.6764	1.6764	1.6524	1.6524	1.6524	1.6524	---	---	---	---	---
	4a	---	---	---	---	---	---	---	1.6524	1.6524	1.6524	1.6524	1.6524
	4b	---	---	---	---	---	---	---	1.6524	1.6524	1.6524	1.6524	1.6524

1/ Effective August 1, 1982 the Class 4 price was converted into a Class 4a price and a Class 4b price.

TABLE 65. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR SOLIDS-NOT-FAT USED TO PRODUCE CLASS 2, 3, AND 4 PRODUCTS, BY MARKETING AREAS, 1982

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	0.8354	0.8355	0.8356	0.8355	0.8145	0.8144	0.8147	0.8145	0.8146	0.8147	0.8146	0.8146
Del Norte-Humboldt	2	0.8052	0.8053	0.8054	0.8053	0.7843	0.7842	0.7845	0.7843	0.7844	0.7845	0.7844	0.7844
Northern California, South and Central Valley	2	0.8096	0.8097	0.8098	0.8097	0.7887	0.7886	0.7889	0.7887	0.7888	0.7889	0.7888	0.7888
Southern California	3	0.8039	0.8040	0.8041	0.8040	0.7830	0.7829	0.7832	0.7830	0.7831	0.7832	0.7831	0.7831
Del Norte-Humboldt	3	0.8039	0.8040	0.8041	0.8040	0.7830	0.7829	0.7832	0.7830	0.7831	0.7832	0.7831	0.7831
Northern California, South and Central Valley	3	0.8039	0.8040	0.8041	0.8040	0.7830	0.7829	0.7832	0.7830	0.7831	0.7832	0.7831	0.7831
All Areas	4 1/	0.7654	0.7655	0.7654	0.7444	0.7443	0.7446	0.7444	---	---	---	---	---
	4a	---	---	---	---	---	---	---	0.7445	0.7446	0.7445	0.7445	0.7444
	4b	---	---	---	---	---	---	---	0.7445	0.7446	0.7445	0.7445	0.7444

1/ Effective August 1, 1982 the Class 4 price was converted into a Class 4a price and a Class 4b price.

TABLE 66. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 2, 3, AND 4 PRODUCTS, BY MARKETING AREAS, 1982 1/

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per hundredweight)							
Southern California	2	13.24	13.24	13.24	13.24	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97
Del Norte-Humboldt	2	12.87	12.87	12.87	12.87	12.61	12.60	12.61	12.61	12.61	12.61	12.61	12.61
Northern California, South and Central Valley	2	13.00	13.01	13.01	13.01	12.74	12.74	12.74	12.74	12.74	12.74	12.74	12.74
Southern California	3	12.96	12.96	12.96	12.96	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70
Del Norte-Humboldt	3	12.86	12.86	12.86	12.86	12.60	12.59	12.60	12.60	12.60	12.60	12.60	12.60
Northern California, South and Central Valley	3	12.96	12.96	12.96	12.96	12.69	12.69	12.69	12.69	12.69	12.69	12.69	12.69
All Areas	4 2/	12.53	12.53	12.53	12.26	12.26	12.26	12.26	—	—	—	—	—
	4a	—	—	—	—	—	—	—	12.26	12.26	12.26	12.26	12.26
	4b	—	—	—	—	—	—	—	12.26	12.26	12.26	12.26	12.26

1/ Prices have been calculated from the price information presented in Tables 64 and 65 on a f.o.b. Distributor's Plant basis for 3.5 percent butterfat and 8.7 percent solids-not-fat milk.

2/ Effective August 1, 1982 the Class 4 price was converted into a Class 4a and a Class 4b price.

SALES OF MARKET WHOLE MILK AND LOWFAT MILK BY SIZE AND TYPE OF CONTAINER, AND BY TYPE OF TRADE

In October 1982, all market milk distributors in California were requested to complete a special one-page form relating to their sales of market whole milk and lowfat milk by size and type of container and by type of trade. A similar survey for the month of October has been made each year since 1951.

Table 67 contains summary tabulations of the data reported on the special survey forms for October 1982. In this table, all sales are expressed in gallon units. For example, sales in quarts represent the number of gallons (expressed as quart units) sold rather than the number of quarts sold. This results in greater comparability and facilitates the computation of percentage distributions.

Sales by type of trade were reported under the headings of wholesale, retail, cash-and-carry, peddler and Federal Government. Since some routes, particularly for the smaller distributors and some of the peddlers, were probably "combination" routes, it seems likely that all sales are not properly classified as to type of trade. However, this factor is so small that it does not appear to have had any significant effect upon the overall results.

Users of these data should note that the survey summaries *do not include all sales of fluid milk in California.* For the State as a whole, the sales as reported in the summaries, account for a sample of approximately 96.1 percent of all market whole milk and lowfat milk sales in California.

TABLE 67. REPORTED SALES OF MARKET WHOLE MILK AND LOWFAT MILK, BY SIZE AND TYPE OF CONTAINER AND BY TYPE OF TRADE, IN CALIFORNIA, OCTOBER 1982

Size and Type of Container	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total
			(gallons)			
Bulk, dispensing	869,867	1,872	1,128	308,504	342,999	1,524,370
Bulk, other	10,595	—	1,000	564	—	12,159
10-Qt. container	46,036	—	7,803	28,312	—	82,151
Gallon container	24,911,074	27,536	136,943	1,957,567	264,045	27,297,165
Paper	49,356	2,139	14,518	1,242	53,290	120,545
Molded plastic	24,861,718	25,397	122,425	1,956,325	210,755	27,176,620
1/2-gal. container	14,235,225	113,756	171,741	1,866,346	492,728	16,879,796
Glass	14,845	42,224	39,900	99,456	—	196,425
Paper	13,871,880	62,636	100,078	1,678,457	492,728	16,205,779
Molded plastic	348,500	8,896	31,763	88,433	—	477,592
Quart container	2,558,144	6,023	23,489	344,573	23,815	2,956,044
Glass	1,734	2,771	1,701	3,868	—	10,074
Paper	2,534,822	3,252	20,343	332,897	23,074	2,914,388
Molded plastic	21,588	—	1,445	7,808	741	31,582
Pint container	801,848	897	11,324	217,664	8,147	1,039,880
1/3-qt. container	811,355	3,498	6,573	285,344	18,512	1,125,282
1/2-pt. container	2,252,848	12,793	19,864	711,791	43,970	3,041,266
Total gallons	46,496,992	166,375	379,865	5,720,665	1,194,216	53,958,113
			(percent of total gallons)			
Bulk, dispensing	1.9	1.1	0.3	5.4	28.7	2.8
Bulk, other	*	—	0.3	*	—	*
10-qt. container	0.1	—	2.1	0.5	—	0.2
Gallon container	53.6	16.6	36.0	34.2	22.1	50.6
Paper	0.1	1.3	3.8	*	4.5	0.2
Molded plastic	53.5	15.3	32.2	34.2	17.6	50.4
1/2-gal. container	30.6	68.4	45.2	32.6	41.2	31.3
Glass	*	25.4	10.5	1.7	—	0.4
Paper	29.8	37.7	26.3	29.3	41.2	30.0
Molded plastic	0.8	5.3	8.4	1.6	—	0.9
Quart container	5.5	3.6	6.2	6.0	2.0	5.5
Glass	*	1.7	0.4	0.1	—	*
Paper	5.5	1.9	5.4	5.8	1.9	5.4
Molded plastic	*	—	0.4	0.1	0.1	0.1
Pint container	1.7	0.5	3.0	3.8	0.7	1.9
1/3-qt. container	1.8	2.1	1.7	5.0	1.6	2.1
1/2-pt. container	4.8	7.7	5.2	12.5	3.7	5.6
Total	100.0	100.0	100.0	100.0	100.0	100.0

* Less than 0.05 percent

PLANTS REPORTING SALES OF FLUID MARKET MILK

The number of plants reporting sales of fluid market milk during the month of December by county of plant location for the years 1973 through 1982 is shown in Table 68. During this ten year period, the number of plants has decreased from 236 in 1973 to 88 in 1982, a decline of 62.7 percent.

TABLE 68. NUMBER OF PLANTS IN CALIFORNIA REPORTING SALES OF FLUID MARKET MILK DURING DECEMBER, BY COUNTIES OF PLANT LOCATION, 1973-1982

County	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Del Norte	1	1	1	1	1	1	1	1	1	1
Humboldt	3	3	3	3	2	2	2	2	3	2
Mendocino	2	2	2	2	2	2	2	1	1	1
Shasta	4	3	2	2	2	2	2	2	3	2
Siskiyou	1	1	1	1	1	1	1	1	1	1
Trinity	—	—	—	—	—	—	—	—	—	—
Lassen	1	1	—	—	—	—	—	—	—	—
Modoc	—	—	—	—	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—	—	—
Alameda	16	13	11	9	9	7	7	7	7	7
Contra Costa	6	5	5	4	3	3	3	1	1	1
Lake	—	—	—	—	—	—	—	—	—	—
Marin	—	—	—	—	—	—	—	—	—	—
Monterey	2	2	2	2	2	2	2	2	2	2
Napa	1	1	1	1	1	1	1	1	1	1
San Benito	—	—	—	—	—	—	—	—	—	—
San Francisco	5	3	3	3	2	1	1	1	1	1
San Luis Obispo	2	2	2	2	2	2	2	2	2	2
San Mateo	1	1	1	1	1	—	—	—	—	—
Santa Clara	10	8	8	7	6	5	5	3	3	3
Santa Cruz	1	2	1	1	1	1	1	1	—	—
Sonoma	8	7	7	6	6	6	6	5	4	4
Butte	1	1	1	1	1	1	1	1	1	1
Colusa	—	—	—	—	—	—	—	—	—	—
Glenn	—	—	—	—	—	—	—	—	—	—
Sacramento	6	6	5	5	5	5	5	5	5	5
Solano	1	1	—	—	—	—	—	—	—	—
Sutter	—	—	—	—	—	—	—	—	—	—
Tehama	1	1	1	1	1	—	—	—	—	—
Yolo	—	—	—	—	—	—	—	—	—	—
Yuba	—	—	—	—	—	—	—	—	—	—
Fresno	10	9	9	7	5	5	5	5	5	5
Kern	4	4	4	3	3	3	3	3	3	3
Kings	1	1	—	—	—	—	—	—	—	—
Madera	1	1	1	1	—	—	—	—	—	—
Merced	2	2	2	1	—	—	—	—	—	—
San Joaquin	5	4	4	4	2	2	2	1	1	1
Stanislaus	2	2	2	2	2	2	2	2	2	2
Tulare	3	3	2	1	—	—	—	—	1	1
Alpine	—	—	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—	—	—
Inyo	1	—	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—	—	—
Placer	1	—	—	—	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—	—	—
Tuolumne	—	—	—	—	—	—	—	—	—	—
Imperial	1	1	1	—	—	—	—	—	—	—
Los Angeles	71	63	51	43	37	35	35	29	25	25
Orange	13	10	9	8	8	7	7	5	4	4
Riverside	13	11	10	8	6	5	5	4	4	4
San Bernardino	19	16	12	10	10	4	4	3	3	3
San Diego	9	7	7	7	7	5	5	5	5	5
Santa Barbara	3	3	3	2	1	—	—	—	—	—
Ventura	4	4	3	2	1	1	1	1	1	1
TOTAL	236	205	177	151	130	111	111	94	90	88

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